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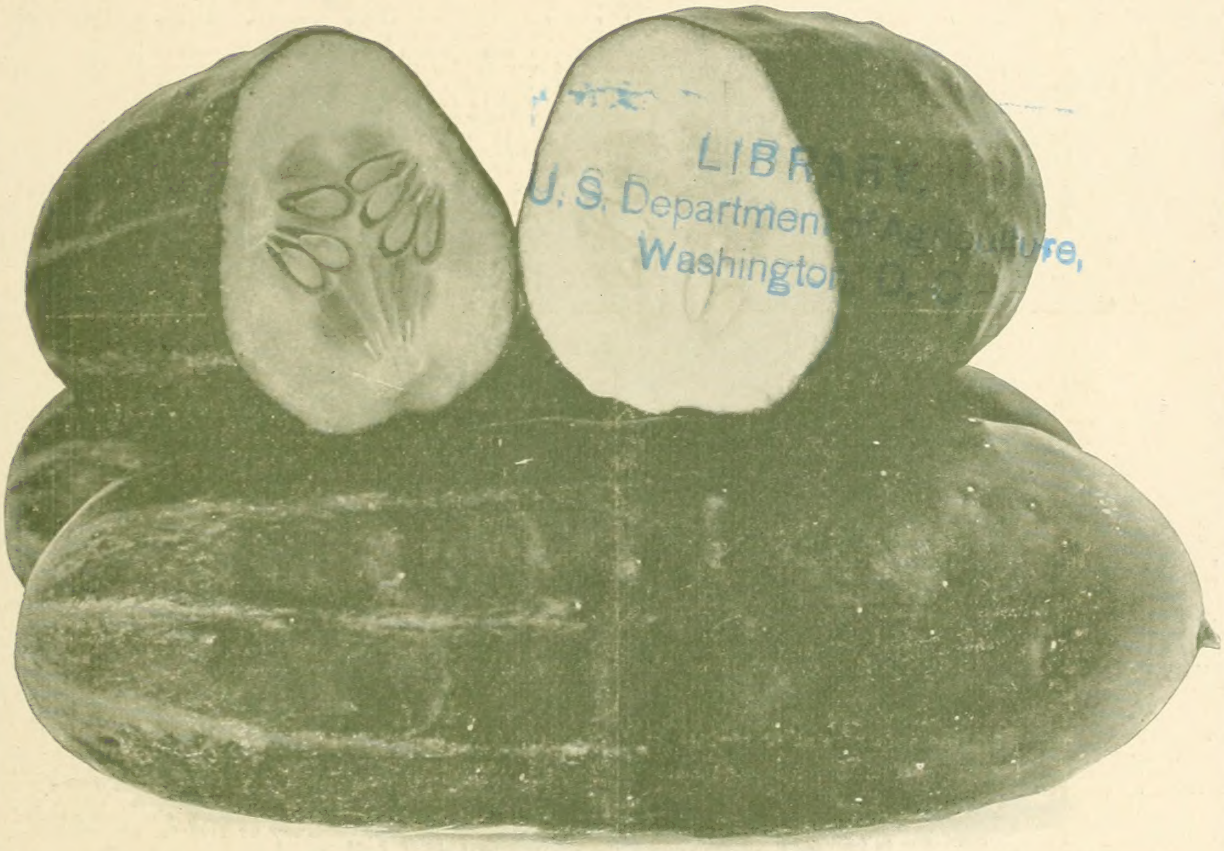
1850 *Livingston's* 1912

Wholesale Price List

of

"True Blue" Seeds

for Market Gardeners



LIBRARY
U. S. Department of Agriculture,
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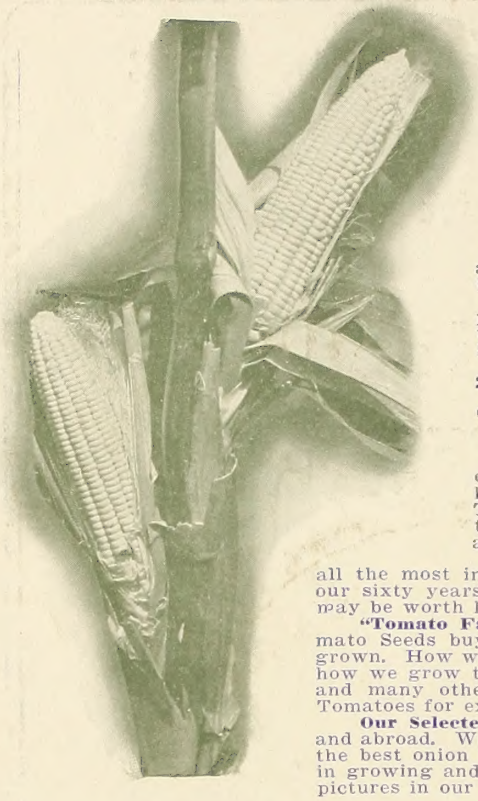
LIVINGSTON'S SELECTED WHITE SPINE CUCUMBER
Typical fruits grown on our Kirkersville Farms

The Livingston Seed Company

Columbus, . . . Ohio



Grand New Sweet Corn

250 Livingston's Early Sugar

A distinct and valuable addition to the early Sweet Corns, evolved by us during the past six years by careful breeding and painstaking selection. Planted in a favorable season, Livingston's Early Sugar is ready for table use in 60 days from time of planting. As compared with other good early sorts, it has bigger ears with more even rows which are invariably filled well to the tip.

Ears average 8 inches long by 2¼ inches in diameter, have from 10 to 12 rows of deep, broad, pearly white kernels of delightfully sweet flavor which is not surpassed by any other early kind. Sixty per cent of the stalks carry two splendid, well-developed ears which are usually placed from 2 to 3 feet above the ground. A remarkable characteristic of Livingston's Early Sugar is the exceptionally strong husk which protects the ears well from ravages of insects.

Livingston's Early Sugar does not stool, but produces strong, sturdy plants which resist wind admirably. They stand up well, average 6 feet tall and furnish an abundance of fine fodder. **Sold under our "True Blue" Seal.**

For further description and illustration consult page 3. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.10; pk., $2.00; bu., $7.50.**

Three Booklets You Should Have

We not only aim to supply the most reliable seeds procurable, but we also try to supply such information as will help our customers to be successful with seeds bought. To supplement the necessarily condensed culture directions given in our catalogs, we issue special booklets about our most important specialties.

"Livingston's 'True Blue' Seed Specialties" describes all the most important varieties of vegetables introduced by us during our sixty years of business life. A careful study of this little booklet may be worth hundreds of dollars to you in future. Ask for **a free copy.**

"Tomato Facts" shows that every Dollar spent for Livingston's Tomato Seeds buys 100 cents worth of the best tomato seed that can be grown. How we evolved 25 of the most distinct sorts in cultivation today, how we grow tons of tomato seeds every year on our own farms—these and many other points are treated in "Tomato Facts." If you grow Tomatoes for exhibition or market, you'll want this booklet, which is **free.**

Our Selected Onions rival the finest strains produced in this country and abroad. We started years ago with the best strains we could get. On the best onion land in the world we applied the most thorough methods in growing and cultivation. The results are shown in words, figures and pictures in our new Onion Booklet, "Profitable Onions." Ask for it.

Suggestions for Ordering

Order Sheets and Addressed Envelopes

We send Order Sheets and Envelopes with each Price List and it greatly facilitates matters if customers will use same in sending orders. When out of them please ask for more. Kindly write any correspondence not directly connected with the order, on a separate sheet.

Order Early

It will be a great advantage, both to customers and ourselves, if orders are sent in as early as possible. Please be particular to give Name, Full Address and Shipping Directions.

Cash With Order

Customers will please remit when ordering. We are frequently asked to send small lots where cash is not sent with order. Keeping account of such items entails upon us a good deal of labor, and after all is no real convenience to our friends.

No Risk in Remitting

We are responsible for the safe receipt of remittances sent in any of the following ways: Post Office Order, Express Order, Bank Draft or Check, Registered Letter, or Cash by Express.

On Receipt of Order

When your order reaches us it is immediately inspected, and shipment made at once. If not, we advise you promptly.

Packing and Shipping

We make no charge for Bags, Boxes, Packing or Hauling to Freight or Express Offices. Columbus is a fine Shipping point, having Seventeen (17) Railroads and all the Express Companies. We advise customers who live at places where there is an Express Office to have lots of from one to ten pounds sent by EXPRESS PREPAID, rather than by mail. The cost is the same (8 cents per pound), but Express is quickest and surest. This rate (8 cents per pound) applies to the most distant Express Office in the United States.

Large Orders

Any Market Gardener, Institution or individual wishing seeds in large quantities, is requested to mail us a list of wants and we will promptly return it with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantities.

Important Notice

OUR PRICES include delivery free by mail for all Packets, Ounces, and Quarter-pounds purchased from this catalogue. Prices on larger lots are based on purchaser paying transportation charges. When Pounds or Quarts are wanted by mail or express, prepaid, customers must remit 8c. per pound and 15c. per quart extra. When extra money is not sent to prepay carrying charges as above described, we ship by express or freight at buyers' expense. We supply **half-pound** at **pound** rates, and **half-bushel** at **bushel** rates. **All prices are subject to market changes.**

Crop-Shortages and High Prices

For a number of years, seed crop conditions both in Europe and in this country have been discouragingly unfavorable. Mild, open winters followed by severe cold weather toward spring were very detrimental to Cabbages, Carrots, Celery, Radishes, Beets and many other crops requiring two years for seed production. What unfavorable winters did not destroy, was injured by floods or prolonged drouths. With these conditions prevailing in a greater or lesser degree for 3 continuous years now, it is small wonder that seed growers are becoming discouraged and ask higher prices on account of the risks incurred. Still, while we have gladly met the higher prices, we have not been able to secure all the seeds we need. With deliveries ranging from 5 to 25 per cent of the amount originally contracted for of many leading varieties of vegetables, it is not a question of price, but rather one of supply. There wil not be half enough seed of many important vegetables to supply a normal demand and, as we are exceedingly reluctant to buy seeds in the open market, after our regular contract stocks are exhausted, we advise early orders from all who want "True Blue" Seeds.

While we exercise great care to have all seeds, bulbs, and plants pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once, and the money that has been paid for the same will be returned. We can not afford knowingly to sell seeds doubtful as to vitality or purity. We test our seeds before sending out, and should they prove defective in germination or purity when properly planted and cultivated, we will refill the order free or refund the price paid.

Planting Ohio Yellow Globe Onions for Seed Production, True Blue Farm.

To Our Market Gardening Friends:—

CONDITIONS have changed for the better in the seed business. Less than ten years ago, the lowest bidder got the order which was then filled with seeds that would make the buyer feel exceedingly doubtful as to the final results.

Today the first question asked by wide-awake planters (who are getting more plentiful every day) is, "how about the quality?" So long as market gardeners have the assurance that the "quality" is allright, the question of price hardly ever receives more than passing consideration. The money invested in the seeds is so insignificant as compared with the value of crops expected, that a difference of a few cents per ounce is of small consequence to the man who values his time and labor.

"True Blue" Seeds receive the most enthusiastic endorsement of many of this country's market gardeners. Our customers know us—these lines are intended for the man who never used "true blue" seeds or has tried "cheaper" seeds in years past. Try some of our selected strains of Onions, Tomatoes, Cucumbers, Etc. A large and more complete order is often the result of a fair trial given to one packet of our specialties.

On opposite page you will find a paragraph about "Crop Shortages and High Prices." While many items are exceedingly scarce, especially those grown for us in Europe, abundant crops of many important American vegetables offset this disadvantage, so that **complete** orders placed with us should show no advance over last season's amount spent for seeds.

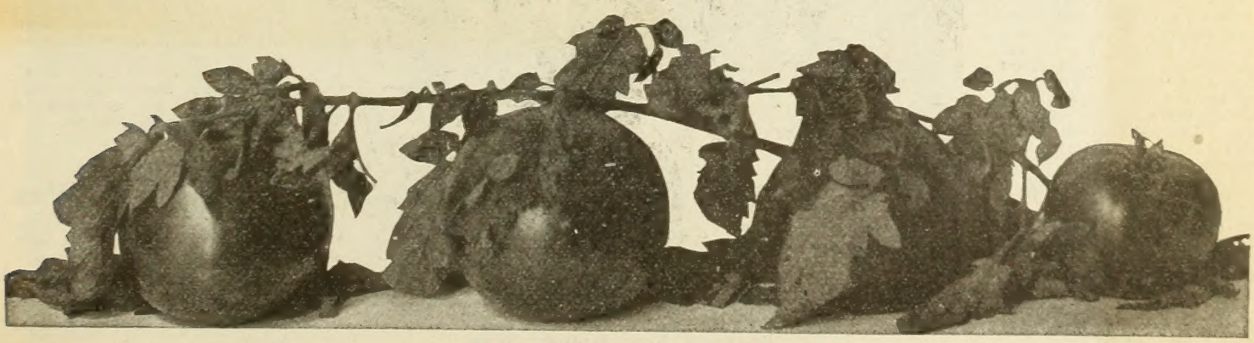
Order early! We try to protect our regular customers as long as we can, by reserving seeds. But with the exceptionally short deliveries to be expected from many growers, we fear we will be sold out of many important items long before the end of the season. Those who want "True Blue" Seeds and **must** have them, as the most dependable, should order early.

With best wishes for a successful season, we are,

Cordially yours,

The Livingston Seed Co

True Blue Seed Farms, Trial Gardens and Greenhouses Near this City
Kirkersville Seed Farms, Kirkersville, Ohio
Retail Store, 114 N. High and 14-17 E. Long Streets / Seed Warehouse, 59-61 East Chestnut Street — Columbus, Ohio
JANUARY 1, 1912



Livingston's Specialties for Market Gardeners

No market-gardener can afford to overlook the many real good novelties offered herewith. It's just as easy to grow the very best as it is to grow some old sorts of indifferent value. Your market bench will be more attractive if you offer some of the things listed on the following pages.

It has always been our custom to experiment for our patrons instead of letting them do the experimenting for us. We eliminate novelties of doubtful value and offer to users of "true blue" seeds only such things that prove with us to be decided advances over old sorts or distinct novelties of great merit. You will want to buy some of the new beans offered below. Cabbages offered on next page are going to be money makers for marketmen. Let us urge you to give the specialties offered on the next four pages a thorough trial.

Four Grand New Bush Beans

48 Keeney's Stringless Refugee, Green Podded

Planters everywhere will at once recognize the wonderful merit of this new bean when it is stated that in addition to the superior qualities of the old Refugee, or 1000 to 1, this new sort is absolutely stringless. It has every quality desirable in a bush bean—true bush habit, 18 inches high, unusually productive. The pods are round, very handsome, and average over 5 inches in length. They are fleshy, tender, brittle and entirely free from strings at all stages of growth. This splendid bean is sure to become very popular with gardeners and canners, and will, we believe, completely displace the old Refugee as soon as enough seed stock can be produced. Sold only under our True Blue Seal. **Pkt., 10c.; qt., 30c.; 4 qts., $1.00; pk., $1.75; bu., $6.50.**

26 Burpee's New Kidney Wax

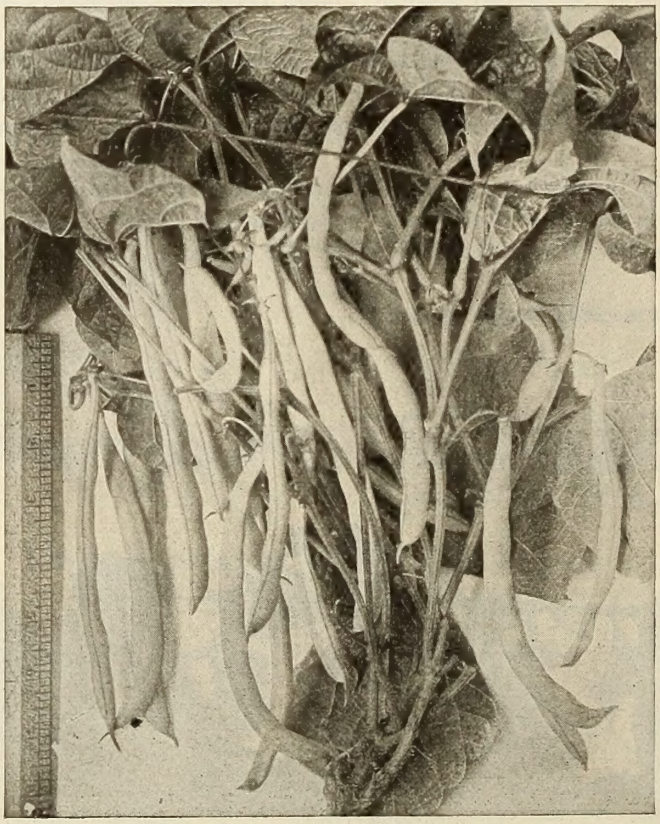
(See illustration.)

Those who consider Wardwell's Kidney Wax "the only market-gardener's bean" should try this new sort alongside. Comparative trials with us have proven that Burpee's New Kidney Wax is not only more prolific, bearing almost two pods to Wardwell's one, but the beans are also longer, handsome, entirely stringless and of superior quality.

Plants are of robust erect growth, bearing the loads of beautiful pods well above the ground. They are healthy, blight-resisting and continue to bear a long time.

Pods are flat, but thick and fleshy. They average 6 to 7 inches in length, are borne in large clusters and make the finest of shows on the market bench on account of their rich lemon-yellow color and straight, handsome shape.

In quality this bean is unsurpassed. Brittle and stringless at all stages of development, meaty and of fine flavor. Matures with Wardwell's, but will outyield this old stand-by every time. **Pkt., 10c; qt., 35c.; 4 qts., $1.10; peck, $2.00; bu., $7.50.**



Burpee's New Kidney Wax.

25 New "Sure Crop" Stringless Wax

One of the most valuable new sorts evolved in recent years. We predict that in a short time it will completely replace Currie's Rust Proof Wax, over which it is a decided improvement.

Plants are very thrifty and hardy. Thick, leathery leaves resist blight admirably and help this sort to stand a remarkable amount of dry weather. Sure crop Stringless Wax is the bean "par excellence" for dry sections. Pods average 6 inches long, are flat but thick and fleshy and entirely stringless. As a free and continuous producer of handsome, light yellow pods of finest quality, Sure Crop Stringless Wax will prove a welcome addition to this type of beans. **Pkt., 15c; pt., 30c.; qt., 50c; postpaid. By express, 4 qts., $1.35; pk., $2.50.**

Livingston's Hardy Wax

well deserves a place in the front rank of the best wax beans. A sure cropper, heavy yielder, continuous bearer and disease resister. Fully described and illustrated on page 8.

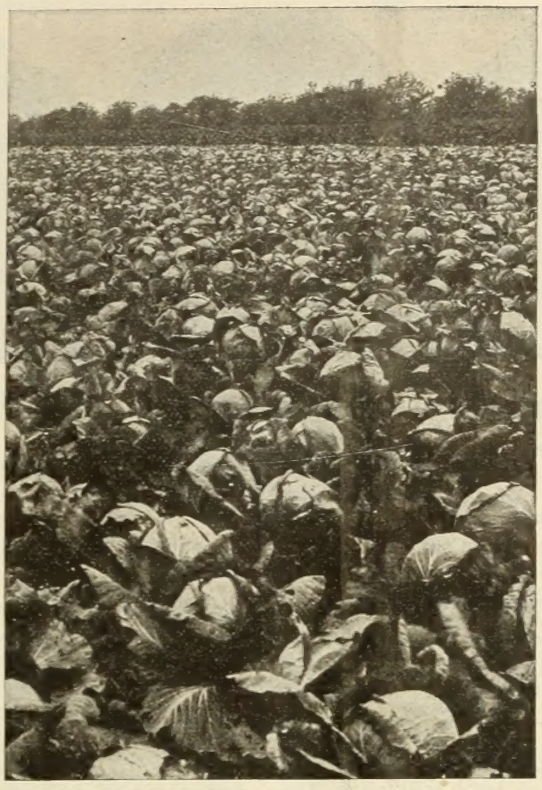
Splendid New Cabbage
140 Copenhagen Market
or
Danish Summer Ballhead
(See illustration of typical field alongside)

A splendid new extra-early round-headed sort which matures as early as the Wakefields and is of much larger size. Grown in our trial grounds last season alongside of all other early sorts we list, it was ready for cutting a week sooner than any of them. Each plant formed a perfect, tightly-folded head, averaging five to eight pounds in weight and about eight inches in diameter each way. The compact growth of the plant, the solidity of the head, its excellent flavor and extreme earliness—all combine to make Copenhagen Market one of the most meritorius cabbages that have come to our notice in a decade. We pronounce it, without reserve, the finest and earliest round-headed sort in cultivation today.

Pkt., 10c.; ½ oz., 25c.; oz., 45c.; ¼ lb., $1.50; lb., $5.50.

The Plain Truth Is Our Aim.

Every statement in our Catalog is founded on facts, and our illustrations actually show the variety described. No unfair price is made in connection with any item, to the best of our knowledge and belief.



Copenhagen Market Cabbage.

New Brussel Sprouts
132 Pride of Denmark

The robust plants average 3 feet in height. Sprouts are tightly folded and literally cover the stalks from top to bottom. As they develop alway up the stalk at the same time a large crop may be gathered at one picking. Sprouts formed at base of stalk are of as marketable and of as fine quality as those further up. This is an important feature as there is no waste and hardly any "trimming" is required to prepare sprouts for market. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 85c.**

New Red Cabbage
172 Danish Ironball

As round as a ball and as hard as iron—those are the two leading characteristics of this elegant new sort. Incidentally, the heads grow to very large size which fact makes "Ironball" a most profitable sort for market. Heads average 8 inches in diameter. They are very solid, of rich deep purplish color throughout, showing only a small portion of white on the midribs. For making slaws or salads, this new red cabbage is unsurpassed. **Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., $1.15.**

Procure the New Specialty Booklet.

Describes and illustrates all the most important vegetable specialties introduced by us during half a century of business life. It may contain some valuable pointers **for you.**

Grand New Sweet Corn
250 Livingston's Early Sugar
(See illustration below)

A distinct new and valuable sort evolved by us during five years of painstaking selection. It will prove a boon to market-gardeners who should plant it liberally even at the slightly higher prices quoted below, because the product cannot fail to command fancy prices on market.

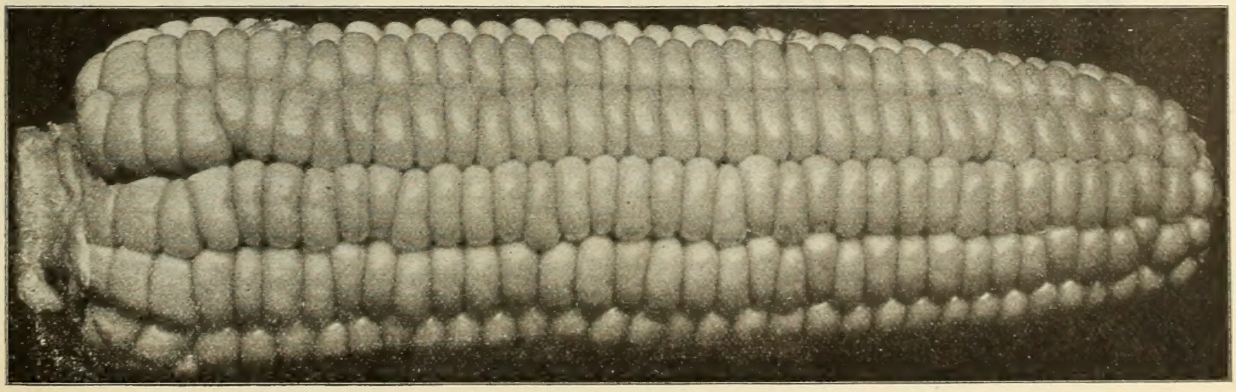
Livingston's Early Sugar is the greatest "dry weather" corn ever evolved. Many weeks of severe dry weather have no effect on Livingston's Early Sugar. In midsummer the stalks look as fresh and green as early in the spring, the heavy, healthy foliage shows no bad effect of the drouth. Stalks average six feet tall and plants are free from suckers, which, we thing, is responsible for their exceptionally sturdy growth. It is the strongest growing early variety of Sweet Corn we know.

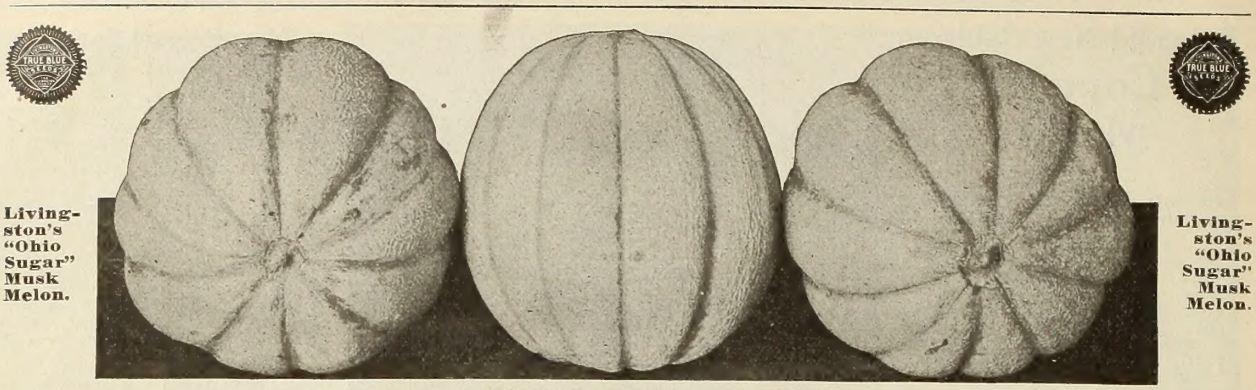
Livingston's Early Sugar is productive of grand ears. For uniformity of product also Livingston's Early Sugar is hard to beat. Where two stalks stand to a hill, 60 per cent. of the stalks produce two handsome large ears. On hills with three or more plants we frequently counted from five to seven ears of faultless shape, well-filled to tip.

Livingston's Early Sugar resists insects well. Ears are set well up the stalk, from 20 to 30 inches above base of plant. They are well protected by a strong husk which prevents worms and insects from doing harm.

Livingston's Early Sugar is a beautiful sort of fine flavor. Ten to twelve rows of broad and deep sweet kernels on pure white cob. Each ear a beauty, with very few imperfect grains. We are delighted to be able to offer our customers something real new and good in Livingston's Early Sugar and invite expressions of opinion from those who plant this corn the coming season. For additional description and illustration of this exceedingly fine new early Sweet Corn, consult second cover page. **Sold only under our "True Blue" Seal.**

Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.10; pk., $2.00; bu., $7.50.





Livingston's "Ohio Sugar" Musk Melon.

Livingston's "Ohio Sugar" Musk Melon.

Livingston's Delicious Musk Melons

430 Livingston's Tip Top

Tip-Top in Quality—Tip-Top in Appearance—Tip-Top in Productiveness

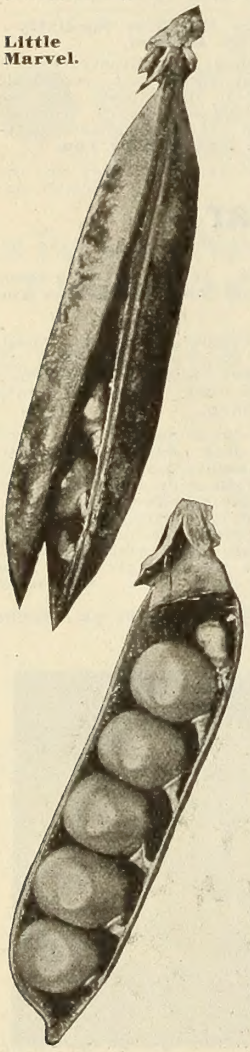
Tip-Top was introduced by us in 1892

This splendid melon has "held its own" during the past nineteen years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. All who have used **TIP TOP** assert that every melon produced is a good one—sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted and very productive. **Tip-Top is illustrated in natural colors on back cover of seed annual. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

448 Livingston's Ohio Sugar

A green-fleshed Tip-Top. The sweetest, richest flavored, green-fleshed Melon ever introduced

The demand for a green-fleshed melon with the same desirable characteristics as our Tip Top brought about the introduction of Livingston's Ohio Sugar—a rare find, something distinctly superior to any other musk melon in cultivation. Livingston's Ohio Sugar is the result of careful hybridizing and painstaking selection. It is of desirable size, round to oval in shape, of gray-green color, distinctly ribbed and netted. Fruits are heavy in proportion to size, because the flesh is so deep, firm and solid. The flesh is an attractive green of exquisite texture, sugary, juicy, tender, and entirely free from any stringiness. The flavor is delightfully rich and aromatic. Livingston's Ohio Sugar produces good melons on all soils. The vines are of luxuriant and vigorous growth. All who do not relish the musky flavor of the yellow-fleshed sorts should try **Livingston's Ohio Sugar Melon.** Illustrated in natural colors on page 9 of 1912 annual. **Price**—Seed saved from carefully selected specimens. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 85c.; lb., $3.00.**



Little Marvel.

659 New Early Wrinkled Pea Little Marvel

Fully as early as American Wonder, more prolific than Nott's Excelsior and as sweet as Premium Gem—that was the report on this excellent new Pea from the foreman of our trial grounds. Little Marvel grows about fifteen inches high, produces a heavy crop of fine deep green pods which are filled with 5 to 7 large peas of excellent flavor. Vines are usually loaded with pods which are frequently borne in pairs. We predict that "Little Marvel" will in time take the place of both, Nott's Excelsior and Premium Gem, popular as these two sorts are at present. **Pkt., 15c.; ½ pt., 20c.; pt., 30c.; qt., 50c.; postpaid. By express: Pint, 25c.; qt., 40c.; 4 qts., $1.50; pk., $2.75; bu., $10.50.**

Swiss Chard or Spinach Beet
106 Lucullus

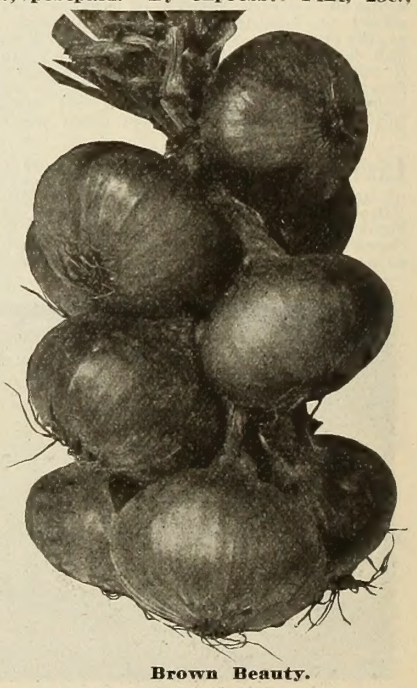
(See illustration of a typical plant on page 11)

The plants grow from 2 to 2½ feet tall and consist, when fully developed, of about a dozen creamy white, attractively curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. **Take the leafy portion of the plant and cook it like Spinach. Prepare the stalks as you would Asparagus. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

568 Livingston's Brown Beauty Onion

Grows the Hardest, Smoothest, Roundest, Best Keeping Onion Sets of Any Onion on the Market.

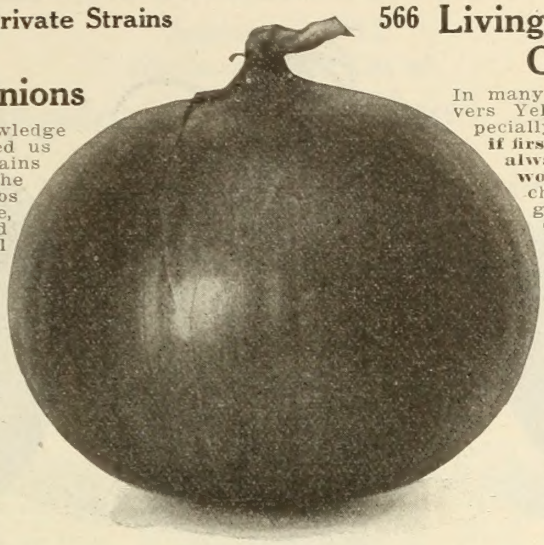
Introduced by us in 1900. For nearly 40 years it has been the market-gardener's favorite in the Columbus market. Our superb train is of our own growing and is the result of years of careful selection and careful cultivation. Keeps in good shape until the late spring. Hard and solid. A medium flat variety, of good size; ripens early and perfectly. Skin brown, flesh white and of fine flavor. Good for putting out early for green bunch onions. Unexcelled for onion set growing, as no other sort surpasses it in producing round, smooth, hard sets of the very best keeping qualities. Every onion grower should try Livingston's Brown Beauty. It grows the best sets in the world. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50; 5 lbs., $7.00; 10 lbs., $12.50.**



Brown Beauty.

Livingston's Selected Private Strains of the Best American Onions

Fertile land, thorough knowledge and untiring efforts have enabled us to develop the most perfect strains of Onions in this country. The seeds grown by us produce bulbs of typical shape, color and size, and the strains have been bred with the end in view to get all the most desirable characteristics of each sort in an intensified degree. Our Onion Seed is raised from hand selected bulbs. This rigid selection insures perfect Onions, true to type, with clear, brilliant skin, small neck and bottom, perfect shape—handsome, plump and solid. In addition to the above desirable points, we have also striven in perfecting our various strains to develop the good keeping, large yielding qualities so essential to a profitable onion. For purity, vitality and reliability, Livingston's Onion Seed cannot be excelled.



Yellow Globe Danvers.

566 Livingston's Select Yellow Globe Danvers

In many parts of the country the Danvers Yellow Globe is the favorite, especially in the vicinity of Boston, and **if first-class seed, such as we offer, was always furnished by dealers, this sort would be liked everywhere.** Our choice seed produces the true globe-shaped Danvers. Unlike California grown seed, which runs to flat, our select strain produces the largest possible crops of hard, symmetrical bulbs. The true Buxton type (the Yellow Globe Danvers Onion was originated and perfected by Daniel Buxton, near Boston, Mass.), is large in size, an early, abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top with small neck, brownish yellow skin. **Seed from this type is more sure to bottom well than when grown from onions having too much depth of bulb, or globe-shape.** These tend to stray into thick necks or scullions. We know the seed we offer is right. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50; 5 lbs., $7.25.**

560 Livingston's Selected Ohio Yellow Globe

Generally admitted by seedsmen and onion growers everywhere to be the most desirable strain of **perfect type of Globe-shaped Onions in existence.** We name it "Ohio Yellow Globe" Onion to designate it from the many strains of Globe Danvers Onion now being offered, **and we consider it to be the most valuable Yellow Onion for all markets in this country.** Besides, to Ohio growers belongs the honor of producing, by many years of painstaking care, selection and cultivation, this, **the finest strain of that extreme type of Globe** now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main points of excellence are: **Distinct and attractive shape; handsome, bright, even color; ripens early** and all at once; **necks very small,** and cure down to almost nothing. The firm, solid bulbs are **excellent winter keepers,** and all that can be desired in size and quality; **enormous yielders**—800 bushels (standard weight) per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil (well-enriched), and especially good for all our muck-lands. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75; 5 lbs., $8.25; 10 lbs., $15.00.**

588 Large Red Wethersfield

For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielder, and one of the best keeping of all the red Onions. This is a standard red variety. Large size; skin deep purplish red; form flattened; flesh purplish white. We recommend it as a general cropper and a variety that will do well wherever large Onions can be grown. Best keepers. Yields enormous crops. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

Be sure to get a copy of "PROFITABLE ONIONS," our new onion booklet described on second cover page.

580 Southport White Globe

The handsomest onion grown. Of beautiful silvery-white color, perfectly globe shaped, uniform in size, averaging 3 inches in diameter. Flesh firm, fine-grained and of mild, pleasant flavor.

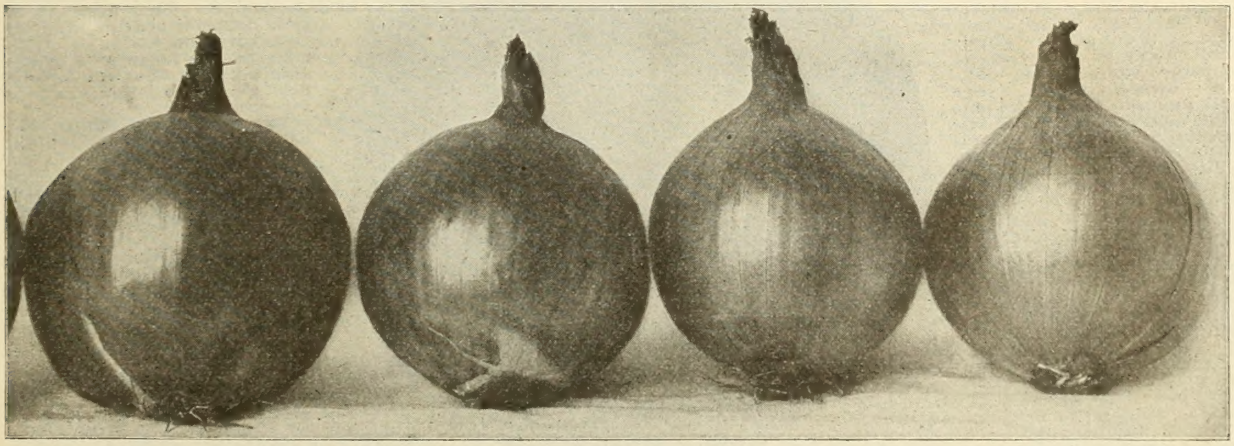
We never saw a finer lot of Onions than the Southport White Globes we grew on the rich muck land of our Kirkersville farm the past season. Throughout last summer we inspected them and were always highly pleased. Every one averaged 2½ inches in diameter and they still had a full month to grow. No better Southport White Globe can be bought anywhere. **Pkt., 5c.; oz., 30c.; ¼ lb., 85c.; lb., $3.00.**

564 Southport Yellow Globe

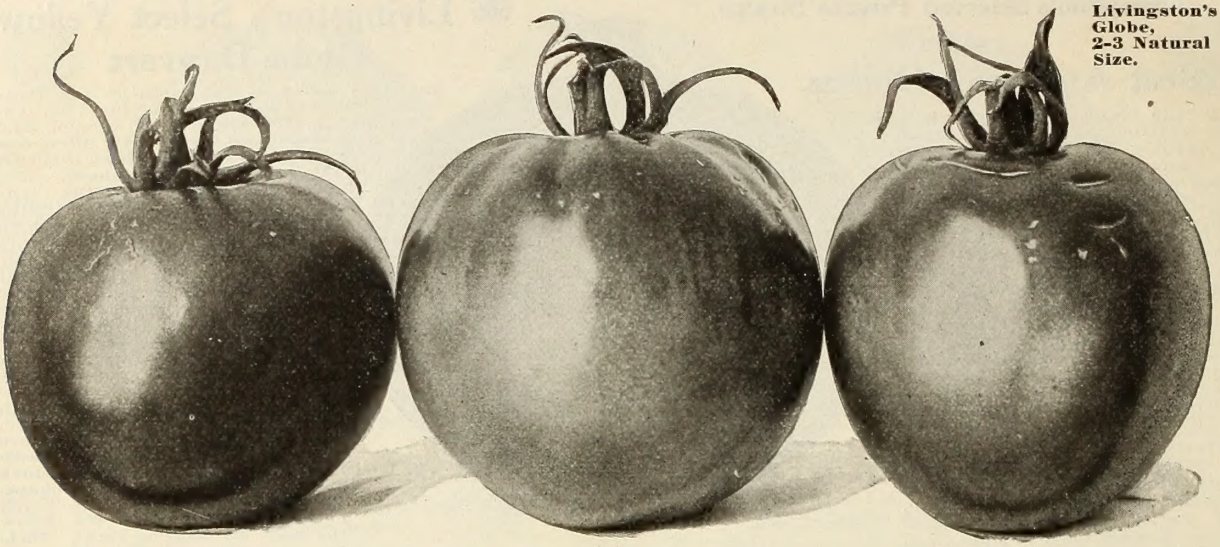
Produces large, perfectly globe-shaped bulbs of the same size, handsome form and excellent qualities as the White Globe. The color of the skin is brownish yellow, however, while the flesh is white, fine-grained, crisp and mild. Tops die early and uniformly, insuring well-ripened bulbs of good keeping qualities. Our strain is selected for slim neck and uniform ripening qualities. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50; 5 lbs., $7.25.**

590 Southport Red Globe

The handsomest of all the red Onions; large, solid and of perfect shape. Ripens a week to ten days later than the yellows. The bulbs are remarkably uniform in shape, of a rich red color; ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Will yield a heavier crop than Yellow or White Globe. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**



Ohio Yellow Globe Onions.



Livingston's Globe, 2-3 Natural Size.

960 Livingston's Globe Tomato

(Originated by Us and Introduced in 1905)

The Finest Early Purple Tomato in Existence—Very Distinct in Shape, Firm Fleshed, Blight Proof

Livingston's Globe Tomato **is an extra good all-round sort, of a distinct globe shape, with quite a large percentage of elongated fruits.** It is a very beautiful variety (see illustration), and on account of its shape one that permits of a greater average number of slices to be taken from each fruit than most other sorts.

Livingston's Globe Tomato is early. In time of ripening we class it with the first earlies. The fruits are of large size, and a good marketable size is retained throughout the season. It is always smooth, of firm flesh, and few seeds; ripens evenly; color, a glossy rose, tinged with purple.

Livingston's Globe Tomato is an exceedingly productive variety, having plants with many short joints, at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit. It is a remarkably good keeper.

Livingston's Globe Tomato is delicious. In qualities there is nothing more to be desired, being mild, pleasant and of delicious flavor; unsurpassed for slicing.

Livingston's Globe Tomato is unexcelled for greenhouse growing or for early growing on stakes or trellises, which is now so much in vogue. It is second to none of the purple sorts with which we are acquainted.

Livingston's Globe Tomato is first class as a general field cropper. It is so firmly fixed in its characteristic features that it was difficult to detect any variation in our crops of the past five seasons. Its blight proof qualities are remarkable. May be picked quite green, will carry to Northern markets in excellent shape and ripen up uniformly to meet quick and profitable sales.

Price, pkt., 10c.; oz., 30c.; 1-4 lb., 90c.; lb. $3.25; 5 lbs., $15.50

932 Livingston's Coreless

Originated by us and Introduced in 1908.

The Most Perfect Shaped Variety Ever produced. Large Size, Globe Shaped, Full at Stem End, Bright Red, a Big Cropper.

All markets requiring a bright-red sort will be pleased with the Livingston's New Coreless. In shape it is almost round, being of about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, **owing to a very small amount of loss in material and labor.** It is immensely productive, clusters of four to seven fruits are produced at six to eight inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen inches. Always free from green core. Seed cells are surrounded by bright-red, heavy and delicious flesh, which is slightly more acid than the Livingston's Globe. Its color is that bright, rich red so important to all packers of high-grade goods.

The strong outside and inner walls of flesh of the Livingston's Coreless render it a firm fruit and one of the best for long-distance hauling or shipping. Ripens up uniformly well. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., $3.00.**

Livingston's Hummer.

934 Livingston's Hummer

Introduced by us in 1907.
(See illustration)

Livingston's Hummer is round as a ball, smooth as an apple, a good variety for forcing, also very prolific, and has very little indenture about the stem end. The color of the fruit is a very attractive bright-scarlet. The flesh is a rich crimson-scarlet, and of the very finest qualty. In size, not so large as Livingston's Stone, but nevertheless a most excellent variety for canners' use, as a large percentage of the fruits can be put into the can whole; quite an early tomato, is especially desirable also for canners' use in those latitudes where the crop must be produced in a short time.

Livingston's Hummer is well adapted for growing on stakes or trellises of some kind. Free from cracks, always smooth, of desirable size, and a great producer of beautiful clusters of fruit. It is a healthy, vigorous grower of medium-sized vines. The fruit is firm and solid. If picked when "just turning" to ripen, it will carry to a distant market in excellent shape, color up nicely, and meet with ready sales. **Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Season of 1912
Wholesale Price List of

Livingston's "True Blue" Seeds

Grown with Special Care for
Market Gardeners and Truckers

Please Note: **Prices in this Catalogue do not include delivery charges (except for pkts., ozs. and ¼-lbs., which we deliver at catalogue price). When larger quantities are wanted sent by mail or express with delivery charges prepaid, add to the catalogue price at the rate of 8c. per pound and 15c. per quart. Where extra money is not sent, we ship by express, purchaser to pay transportation charges.**

Artichoke **Artichoke** Alcachofa

1 Large Globe, or Paris—This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy, easily cultivated. The seed can be sown early in April in a rich seed bed in drills one inch deep and 12 inches apart, thinning when up to 4 inches apart. Protect in winter with a slight covering. The second season they form heads. Once established, they will continue bearing for years. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Splendid Market Asparagus
7 Early Giant Argenteuil

This famous variety is a special favorite in Paris, where it is in demand above all other sorts. The stalks grow to immense size. It is early and such a robust grower that it is seldom troubled with rust. The head is pointed and closely covered with overlapping scales. The flavor is unsurpassed. Our stock of both seeds and roots is from the true French strain. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 45c.**

9 Donald's Elmira Great favorite in New York market. Stalks of delicate green color, quite distinct from other standard sorts. Shoots grow rapidly to large size and are always succulent and tender. Quality the very best. We supply only seeds of this sort. **Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.**

Asparagus Seeds

Semillas de Esparragos Spargel Samen

Great care should be exercised in selecting the roots or seeds for an Asparagus bed. It is not set out every year, but is permanent and takes time to become established. A mistake in selection is therefore a serious matter. To all who grow for the market we especially recommend Giant Argenteuil and Palmetto, described below, as sure to be satisfactory.

Asparagus Roots are listed on page 33.

4 Palmetto Superior in many respects to most of the older sorts. Its hardiness makes it almost proof against blight. Its qualities are unsurpassed, and its appearance when bunched for market is very superior. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

5 Conover's Colossal One of the best known sorts, considered the standard in many parts of the country. Produces large, green stalks of excellent quality. Grows very rapidly. **Oz., 5c.; ¼ lb., 10c.; lb., 35c.**

6 Columbian Mammoth White—A distinct variety producing shoots which are white and remain so as long as fit for use. Vigorous and robust in habit; grows large shoots. Needs no earthing up. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.**

8 Carolina Queen

One of the oldest and largest Asparagus growers in the Carolinas has developed this strain from a cross between the old Palmetto and an imported French variety. He has been selecting and breeding it up for the past 15 years, and has thoroughly fixed the following very desirable points: **Earliness, Great Productive Power, Immense Stalks when Sprouting, Rust Resistance, Superb Quality, Handsome Appearance.** The stalks are very pretty, being a creamy white with pink heads. The flavor is delightful. **Choice stock seed: Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.**

Two Favorite Wax-Podded Bush Beans for Market Gardeners

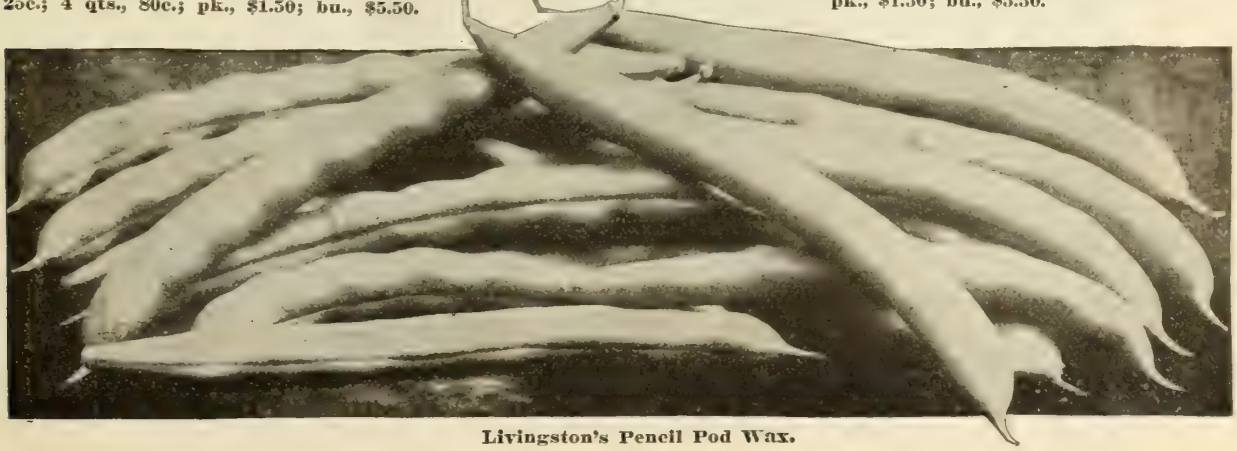
19 Wardwell's Kidney Wax

This popular Bean is largely grown for the markets, as it is entirely free from rust and absolutely stringless. It is enormously productive, yielding long pods of superior quality. One of the handsomest Beans we have even seen, of a dark golden yellow color, flat pods. It is of the very finest quality, showing no string or coarseness even when past its best, but is of tender melting flavor at all stakes of its growth. For the private planter or market-gardener it has no equal. **Qt., 25c.; 4 qts., 80c.; pk., $1.50; bu., $5.50.**

20 Livingston's Yellow Pencil Pod Wax

(Introduced by us in 1899.)

Hardy, absolutely stringless, tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardiness and prolificacy, no other sort equals it. It stands in a class by itself. We offer it as the best Market-Gardener's Wax Bean to date. We have sold it for several years in all parts of the United States with the best of satisfaction under all conditions. **Qt., 25c.; 4 qts., 80c.; pk., $1.50; bu., $5.50.**



Livingston's Pencil Pod Wax.

Habas nanas **Dwarf or Bush Beans** Buschbohnen

We are proud of our strains of beans. They have been evolved by the best growers of this country, are critically rogued year after year, are always hand-picked, and we are satisfied that better beans cannot be bought anywhere at any price.

If Beans are wanted by Mail, add 15 cents per quart for postage.

Wax-Podded Varieties

24 Livingston's "Hardy Wax"

(See Illustration from Our Own Photo).

The finest Wax Bean in cultivation. Enormous Yielder, of Robust Growth. Handsome Pods of Unsurpassed Quality.

Livingston's Hardy Wax which we first offered in 1906 may be considered perfection in Round Podded Wax Beans. The process of perfecting this splendid new sort has been carried on for several years by Mr. C. N. Keeney, so well known as the foremost bean expert in the United States. The plants are unusually robust, with strong, healty foliage, resisting disease and unfavorable weather, showing no constitutional weakness. Whether sown in spring, summer or fall it always bears splendid crops.

Livingston's Hardy Wax invariably produces in greatest abundance handsome, waxy, golden-yellow pods about 5 to 6 inches long. It is remarkably early for so large a sort, and its reliability for producing a big crop will make it pre-eminently a market-gardeners favorite. It is a good shipper, and its great beauty makes it saleable anywhere. Pods are very solid, meaty and tender, absolutely stringless and the flavor is unsurpassed. **Pkt., 10c.; qt., 25c.; 4 qts., 80c.; pk., $1.50; bu., $5.50.**

22 Round Pod Kidney Wax

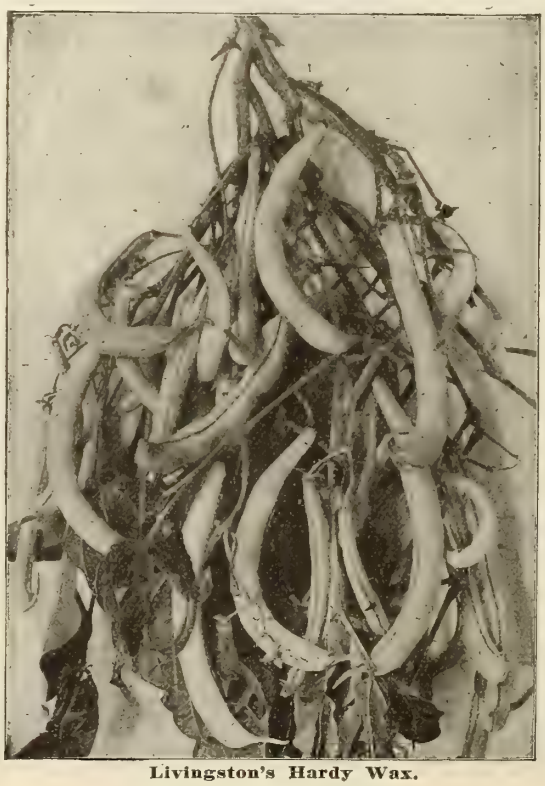
Pods are round. Plants grow strong and sturdy, with long, round, handsome stringless pods of large size, very solid and full of meat; crisp, brittle. Wonderfully early and productive and will become very popular. **Pkt., 10c.; qt., 25c.; 4 qts., 85c.; pk., $1.55; bu., $5.75.**

23 Burpee's Brittle Wax—An extra early, hardy variety of fine quality; long, round, meaty pods of rich golden yellow; immensely productive. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

15 Currie's Rust-Proof Wax—Pods long, flat, tender; early, productive. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.35; bu., $4.75.**

21 Burpee's New White Wax—White Seeded. Stringless Bush Bean—A splendid new Wax Bean. The vines are of strong, vigorous growth, attaining a height of about 18 inches; very productive, bearing in immense quantities handsome, straight pods, which are of superior table quality. The pods are flat, from 5 to 6 inches long and entirely stringless. The dry bean is pure white, free from rust. Our stock is very choice and absolutely true. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

18 Prolific German Black Wax—Pencil Pod Strain—Pods are long, fleshy, round, waxy; very early. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**



Livingston's Hardy Wax.

16 Keeney's Rustless Golden Wax

Strong grower, of remarkable vigor and freedom from rust. Pods meaty and well filled, semi-round; rich yellow, fine quality, and **entirely stringless,** even when large enough to shell. If pods are picked as fast as formed, the plant is ever-bearing until frost. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.00.**

12 Scarlet Flageolet Wax — Pods long, flat and beautiful. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.35; bu., $4.75.**

13 Improved Golden Wax — Grennell's — One of the best strains of Golden Wax. Hardy, prolific, of best quality; pods long, flat, but thick, straight and vines very erect. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

14 Davis White Wax — Very productive, white-seeded, rustless, string or snap variety; long, flat pods, which are very crisp, brittle and tender when young. Excellent flavor and very hardy. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

17 Yosemite Mammoth Wax—The monster wax pods are absolutely stringless, cooking tender and delicious; rich golden yellow. Flat, but thick through. **Pkt., 10c.; pt., 25c.; qt., 40c.; 4 qts., $1.20; pk., $2.25; bu., $8.00.**

Three other fine new Bush Beans are described on page 2.

Keeney's Stringless Refugee.

Green-Podded Bush Beans

45 Burpee's Stringless Green-Podded

Many valuable characteristics are found in this remarkable sort, which has proven pre-eminently a market-gardener's variety. Unusual hardiness, great productiveness, extreme earliness and pods of handsome appearance make Stringless Green Podded easily the leader of all green-podded sorts. If planted early enough, it may be had in marketable condition before any other beans. Repeated plantings will prove that it does just as well during the summer and fall as in the early spring. The pods are of rich green color, very round, deeply saddle-backed, and straight as a pencil. They average about 5 inches long, are brittle at all stages of growth, entirely stringless, tender and of finest flavor. **Qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.00.**

38 Refugee or 1000 to 1

Our strain of this market-gardener's favorite is exceptionally fine. It is true and pure, producing plants of true bush form with typical long, round pods of attractive light-green color. The productiveness of Refugee or 1000 to 1 is proverbial. Withal it withstands unfavorable weather conditions admirably and yields fair crops even under adverse circumstances. Pods fleshy, brittle, of mild, pleasant flavor. **Qt., 20c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**

48 Keeney's Stringless Refugee is a grand new bush bean of the Refugee or 1000 to 1 type, but **entirely stringless.** It has every quality desirable in a bush bean—true bush habit, 18 inches high, unusually productive. The pods are round, very handsome, and average over 5 inches in length. They are fleshy, tender, brittle, and entirely free from strings at all stages of growth. This splendid bean is sure to become very popular with gardeners and canners, and will, we believe, completely displace the old Refugee as soon as enough seed stock can be produced. Sold only under our True Blue Seal. **Pkt., 10c.; qt., 30c.; 4 qts., $1.00; pk., $1.75; bu., $6.50.**

47 Hodson "Green Podded"

Entirely unaffected by rust or blight; an exceptionally strong and robust grower; an enormous yielder, often producing 50 to 60 pods to the plant. Pods flat, but meaty, averaging 6 inches long by ⅝ inches broad. A little later than Refugee, or Thousand to One. Its table quality is first-class, and if picked young, the pods are entirely stringless; an excellent shipper. **Qt., 20c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**

Stringless Green Podded.

39 Livingston's Round Six Weeks A most excellent green-podded snap Bean. Extra early; strong grower and abundant cropper. Pods green, flat, but very fleshy, free from strings when young, excellent quality. **Pkt., 10c.; qt., 20c.; 4 qts., 65c.; pk., $1.15; bu., $4.25.**

42 Full Measure A bountiful yielding sort, with straight, round, brittle and stringless pods. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

37 Long Yellow Six Weeks—A fine early string Bean. Flat pods; light green color. **Pkt., 10c.; qt., 20c.; 4 qts., 60c.; pk., $1.00; bu., $3.75.**

35 Black Valentine—Long, straight, round, green pods of fair quality while young; enormously productive. Ready in 50 days from sowing for market. **Pkt., 10c.; qt., 25c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**

40 Extra-Early Refugee—Hardy; an abundant bearer of nearly round pods. Ten days earlier than Refugee or 1000 to 1. **Pkt., 10c.; qt., 20c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**

36 Dwarf Horticultural—Speckled Cranbery. Splendid variety for shell Beans. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.35; bu., $4.75.**

31 Early Mohawk—Productive; very hardy. Very early. Large flat, dark green pods. **Pkt., 10c.; qt., 20c.; 4 qts., 60c.; pk., $1.00; bu., $3.75.**

32 Improved Navy, or Boston Pea Bean—Very productive variety. **Pkt., 5c.; qt., 20c.; 4 qts., 60c.; pk., $1.00; bu., $3.75.**

33 White Kidney, or Royal Dwarf—Pkt., 5c.; qt., 20c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.

44 New Bountiful

A new green-pod Bush Bean which comes into bearing very early and continues almost throughout the season. Pods beautiful rich green, flat, but thick through, broad, long and uniform; meaty, tender, fine quality; absolutely stringless. Good shell bean for winter use. A splendid market variety. **Qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.00.**

41 Extra Early Round Pod Red Valentine

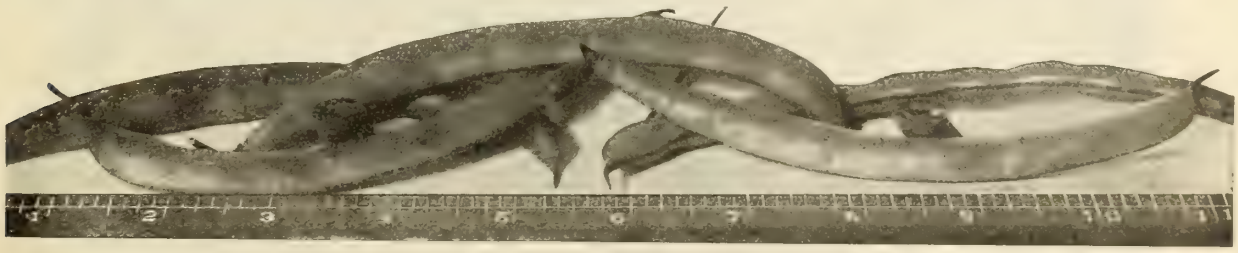
Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequaled uniformity of ripening; one of the most profitable sorts for market-gardeners. **Pkt., 10c.; qt., 25c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**

43 Longfellow A new extra-early variety with semi-round, uniformly straight pods; very fleshy, long, brittle and without strings when broken; flavor delicious; very prolific; plants very strong and compact in growth. **Qt., 20c.; 4 qts 65c.; pk., $1.15; bu., $4.25.**

46 Giant Stringless Green Pod—This Bean has a much larger pod than B.'s Stringless or about one-third larger than the Valentine—average 5 inches long. Round and fleshy, extremely crisp and absolutely stringless. **Pkt., 10c.; qt., 25c.; 4 qts., 80c.; pk., $1.50; bu., $5.50.**

49 Tennessee Green Podded—Large, slightly flattened pods, abundant bearer and good shipper. Later than Burpee's Stringless Green Podded. **Pkt., 10c.; qt., 25c.; 4 qts., 75c.; pk., $1.40; bu., $5.25.**

34 White Marrow—Extensively grown; good green or dry. Standard soup bean. **Pkt., 5c.; qt., 20c.; 4 qts., 65c.; pk., $1.10; bu., $4.00.**



Bountiful Beans—Finest Flat Green-Podded Stringless Bush Bean.

Fordhook Bush Lima.

Bush Lima Beans

60 The Burpee-Improved

Has uniformly larger pods than the best strains of Burpee's Bush Lima, while the pods contain more beans and the beans are larger and thicker. Plants are very prolific, bearing pods in clusters from 5 to 7. The individual pods average 5 to 6 inches long and contain from 5 to 7 beans, which remain green even after they become fully ripe. Quality the very best. **Pkt., 10c.; pt., 20c.; qt., 30c.; 4 qts., $1.00; pk., $1.90; bu., $7.00.**

61 Forkhook Bush Lima

The shelled beans are very fat, are closely packed in the pods, which shell very easily. Pods are borne in clusters from 4 to 6, average 4 to 5 inches long and contain usually 4 tender and juicy beans, which are of delightful flavor. A tremendous bearer. **Pkt., 10c.; pt., 20c.; qt., 35c.; 4 qts., $1.10; pk., $2.00; bu., $7.50.**

59 New Wonder (Quarter Century Bush Lima)—Pods about the same as Burpee's Bush lima; beans slightly smaller; a few days earlier and fully as productive. A sure cropper. Very true to bush form. **Pkt., 10c.; qt., 25c.; ½ pk., 90c.; pk., $1.70; bu., $6.25.**

58 Burpee's Bush Lima—Bushes are of stout growth, branching so vigorously that each plant makes a large bush. Immense yielder of well-filled pods of large beans of luscious flavor. **Pkt., 10c.; qt., 25c.; ½ pk., 90c.; pk., $1.70; bu., $6.25.**

57 Henderson's Bush Lima—Compact bush form, produces large crops. Delicious flavor. **Pkt., 10c.; ½ pt., 15c.; qt., 25c.; ½ pk., 85c.; pk., $1.60; bu., $6.00.**

56 Thorburn, or Dreer's Bush Lima—Very productive; thick, sweet, tender, succulent. **Pkt., 10c.; qt., 25c.; ½ pk., 90c.; pk., $1.70; bu., $6.25.**

Pole Lima

83 Carpenteria Large Green Seeded

Vines are of strong, vigorous growth, setting many pods which are closely filled with large, fat beans, much thicker than those of the ordinary Pole Lomas. Pods contain three to four beans, which retain the green tint in the dry state better than any other sort. **Pkt., 10c.; pt., 20c.; qt., 35c.; 4 qts., $1.10; pk., $2.00; bu., $7.50.**

82 Early Leviathan—At least one week earlier than any large Pole Lima yet offered and fully two weeks earlier than most. Earliness is often obtained at the sacrifice of other valuable features, but in this variety, we claim superiority, not only in this respect, but in size of bean and pod and enormous productiveness. **Pkt., 10c.; qt., 25c.; ½ pk., 90c.; pk., $1.70; bu., $6.25.**

79 Siebert's Early—Very productive, hardy and vigorous. Produces pods early, and continues to the last of the season. The green beans are of immense size. **Pkt., 10c.; qt., 25c.; ½ pk., 80c.; pk., $1.50; bu., $5.50.**

78 King of the Garden—Vigorous grower, pods containing five to six large beans, which are of fine quality. **Pkt., 10c.; qt., 25c.; ½ pk., 85c.; pk., $1.60; bu., $6.00.**

77 Large White—The old favorite for home use or the market. Pods and beans very large. **Pkt., 10c.; pt., 15c.; qt., 25c.; ½ pk., 85c.; pk., $1.55; bu., $5.75.**

80 Dreer's Improved—Beans thick; sweet and tender. **Pkt., 10c.; qt., 25c.; 4 qts., 85c.; pk., $1.60; bu., $6.00.**

81 Sieva, or Small Lima—Early and the small beans are of luscious flavor. **Pkt., 10c.; qt., 25c.; 4 qts., 85c.; pk., $1.60; bu., $6.00.**

Pole or Running Beans

Frijoles Stangenbohnen

One quart will plant 100 to 200 hills, according to size of the beans. Eight to twelve quarts will plant an acre.

65 Kentucky Wonder or Old Homestead

An old favorite, with long, fleshy, deeply saddlebacked pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality. **Pkt., 10c.; qt., 25c.; ½ pk., 90c.; pk., $1.70; bu., $6.25.**

69 Livingston's Royal Corn

This is a remarkably fine green-podded Snap Pole Bean. The splendid pods are produced in large clusters or handsful; shape long, 6 to 8 inches, semi-round; stringless, very tender and delicious. The dry seed is pure white, and resembles that of the Dwarf White Kidney Bean. Livingston's Royal Corn Pole Bean will produce twice as many string beans from the same ground as any of the bush kinds. Grows in clusters; takes but a very short time to gather a bushel, and no stooping is required, as with bush beans. Beans can be shelled green for summer market or left to ripen for dry beans for winter use. Especially adapted for growing on corn, thus economizing space on valuable land or where poles are scarce. **Pkt., 10c.; ½ pt., 20c.; pt., 35c.; qt., 60c.** Crop extremely short.

70 Powell's Prolific

A most desirable green-podded Snap Bean. Bears profusely quite early, and continues until frost; very tender and palatable. A very strong grower, one plant filling a pole with a mass of vines densely loaded with luscious Beans. The handsome green pods average 8 or 9 beans to the pod, very uniform, about 6 inches long; **perfectly stringless,** very thick meated, rich and buttery: **Pkt., 10c.; ½ pt., 20c.; pt., 35c.; qt., 60c.**

73 Early Golden Cluster Wax

Pods bright golden-yellow, stringless, tender and of most delicious flavor. A splendid snap-bean. Vines strong and hardy; very early, and continues bearing until frost. Beans clear waxy-white; an excellent shelled-bean also. **Crop very short. Pkt., 10c.; pt., 20c.; qt., 35c.; 4 qts., $1.35; pk., $2.50.**

66 White Creaseback (Fat Horse)—Very early, productive; round, meaty pods, entirely stringless. Very fine variety for snap beans or winter use; dry beans are pure white. **Pkt., 10c.; qt., 25c.; ½ pk., 75c.; pk., $1.40; bu., $5.00.**

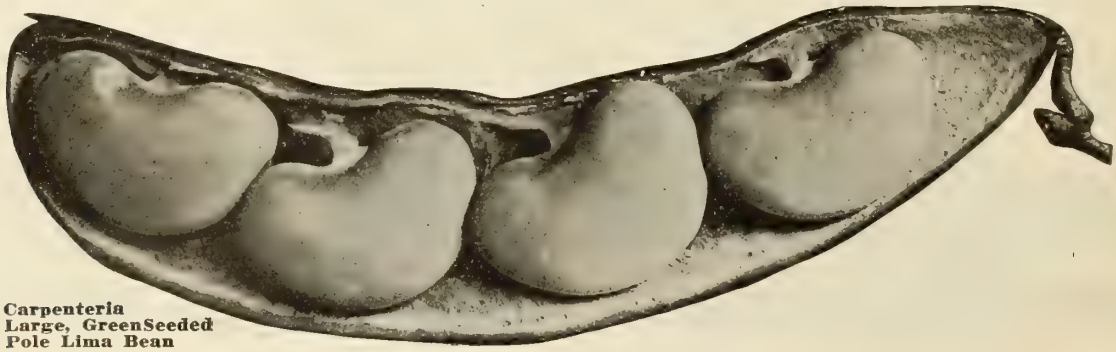
67 Lazy Wife's—Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a snap bean; also a good white shell bean for winter. One of the very finest flavored. Crop very short. **Pkt., 10c.; qt., 25c.; 4 qts., 85c.; pk., $1.55; bu., $5.75.**

68 White Dutch Case-Knife—Good green or as shell beans. **Pkt., 10c.; qt., 25c.; ½ pk., 85c.; pk., $1.55; bu., $5.75.**

72 Red Speckled Cut-Short—"Corn Hill." **Pkt., 10c.; qt., 25c.; ½ pk., 80c.; pk., $1.50; bu., $5.50.**

71 Speckled Cranberry—Old "Bird egg." **Pkt., 10c.; qt., 25c.; ½ pk., 80c.; pk., $1.50; bu., $5.50.**

Old Homestead or Kentucky Wonder.



Carpenteria Large, GreenSeeded Pole Lima Bean

Remolachas **Garden Beets** Rote Rueben

Crosby's Improved Egyptian

A Money Maker for Market Men

Detroit Dark Red.

A very superior Beet, carefully selected for years by Mr. Crosby, a noted gardener, for the Boston markets, whose aim was to secure a perfect, out-door forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well, even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half-Long varieties, which require longer time to grow to presentable market shape. Being a rapid grower, it may be sown outside as late as July. We have made a very fine selection of this stock for years and we believe have it **nearer** the **Original Crosby** idea than any one in the trade.

90 Crosby's Improved Egyptian—Extra selected stock. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00; 5 lbs., $4.75.**

Crosby's Egyptian.

99 Detroit Dark Red Turnip

Well liked by market gardeners. Top small, so that the rows may be close together; root globular and very smooth, color of skin dark blood red; flesh deep bright red, zoned with a darker shade. Very crisp, tender and sweet. **Oz., 15c.; ¼ lb., 35c.; lb., $1.25.**

86 Early Bassano — Light red; early and of good quality. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

93 Dewing's Improved Blood Turnip—Deep red, smooth, fine form; fine for market or family. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

94 Bastian's Early Blood Turnip—Early, fine turnip form; bright red color; good flavor. **Oz., 5c.; ¼ lb., 15c;. lb., 40c.**

89 Edmand's Early Turnip—Standard turnip blood beet, very tender and sweet; keeps well. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

92 Lentz Extra-Early Blood Turnip—Very early, large, round, fine flavored; for late planting. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

96 Half-Long Blood Red—Select. Fine dark colored variety, for fall and winter use. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

105 Swiss Chard or Spinach Beet—(Acelgas.) Fine for greens. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

106 New Swiss Chard or Spinach Beet Lucullus—As illustrated herewith, is fully described on page 4. It's one of the finest market vegetables we have come across in many years. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

All Beets 5c. per packet.

98 Crimson Globe — Smooth and regular; deep-crimson flesh; sweet. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

97 Long Dark Blood Red — Very dark red; sweet, tender; good winter keeper; stands drought. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

88 Extra Early Eclipse — Very early, bright red; rapid grower. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

87 Extra-Early Egyptian — One of the earliest; dark color, small top. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

Three Best Sugar Beets

110 Klein-Wanzleben—In shape it is conical, straight and even, quite large at the top and rapidly tapering. While the yield is not equal to the large Mangels, the feeding value is far superior. **Oz., 5c.; ¼ lb., 10c.; lb., 30c.; 10 lbs. or more at 28c. p. lb.**

111 French Red Top—Extensively grown in France. Ripens early: yields large returns in sugar per acre; heavy cropper. **Oz., 5c.; ¼ lb., 10c.; lb., 23c.; 5 lbs., $1.00.**

109 Lane's Imperial—Especially good for stock feeding. Large, smooth, fine grained. **Oz., 5c.; ¼ lb., 10c.; lb., 25c.; 10 lbs. or more at 23c. p. lb.**

Collards

A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens.

235 True Southern or Georgia—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

Corn Salad or Fetticus

Macha o Valerianilla **Rabinschen**

A vegetable used as a salad. Sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames covered with straw mats or shutters.

238 Large Leaved—Oz., 5c.; ¼ lb., 15c.; lb., 50c.

Brussels Sprouts

Col de Bruselas **Rosenkohl**

131 Improved Dwarf—Produces compact sprouts of the finest quality. **Pkt., 5c.; oz., 20c.; ¼ lb., 45c.; lb., $1.50.**

Borecole, or Kale—See Kale, page 18.

Runkelrueben **Mangel Wurzels** Remolachas forrajeras

(Write for prices on large lots.)

121 Champion Yellow Globe—Very heavy cropper; succeeds finely on light land. **Oz., 5c.; ¼ lb., 10c.; lb., 30c.; 10 lbs., or more at 28c. p. lb.**

119 Mammoth Long Red — Very select. Enormously productive, for deep soils. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 10 lbs. or more at 33c. p. lb.**

117 Golden Tankard—Large, fine yellow variety; very sweet and nutritious. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 10 lbs. or more at 33c. p. lb.**

116 Golden Giant Intermediate. (Yellow Leviathan)—Skin yellow, flesh white, sweet; good keeper. **Oz., 5c.; ¼ lb., 10c.; lb., 30c.; 10 lbs. or more at 28c p. lb.**

120 Giant White Half-Sugar—Yields nearly as much per acre as Mangel Wurzels, and the roots are of much higher nutritive value. Roots greenish white, grow partly out of ground. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.; 10 lbs. or more at 35c. lb.**

118 Mammoth Red Globe—Similar to Champion Yellow except color. **Oz., 5c.; ¼ lb., 10c.; lb., 28c.; 10 lbs. or more at 25c. p. lb.**

Lucullus. Swiss Chard

Broculi **Broccoli** Spargelkohl

127 Early Large White—Heads medium size, close and compact. One of the most certain to head. **Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., $3.50.**

128 Early Purple Cape—Rather hardier sort; greenish purple heads; good flavor. **Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., $3.50.**

Cress or Pepper-Grass

Berro **Kresse**

289 Extra Curled (Pepper-Grass)—May be cut two or three times. **Oz., 5c.; ¼ lb., 15c.; lb., 30c.**

281 Upland Cress—A hardy perennial; stays green nearly the whole year; ready for use in the spring before any other salad. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

Water Cress

Berro de fuente **Brunnenkresse**

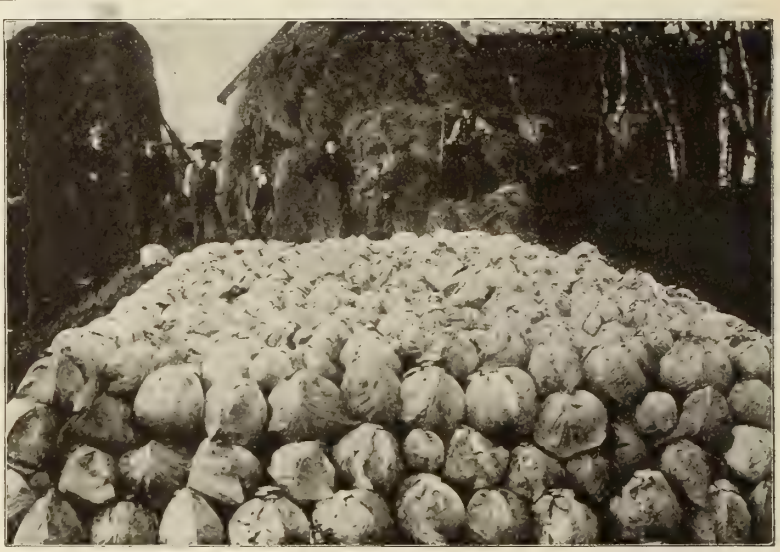
Well-known hardy perennial aquatic plant.

282 Water Cress—Oz., 25c.; ¼ lb., 75c.; lb., $2.50.

Livingston's
Thoroughbred Cabbages

Col repollo **Weisskraut**

Cabbage is more largely grown for the market than any other vegetable, excepting the potato. All growers recognize the importance of planting only the finest seed. We offer only the best seed it is possible to raise, seed that may be depended on, and we know that with proper care and favorable conditions our seed will give results that cannot be excelled. **One ounce of seed produces about 2500 plants. Four ounces will grow enough plants to set an acre.**



Danish Ball-Head Cabbage stored in pits in Denmark.

Earliest Pointed-Headed Sorts

135 Early Jersey Wakefield

Many market-gardeners consider this the **very best Early Cabbage** in cultivation. Grown extensively for market and shipping. Its merits are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid texture and sweet. **Pkt., 5c.; oz., 20c.; ¼ lb., 70c.; lb., $2.25.**

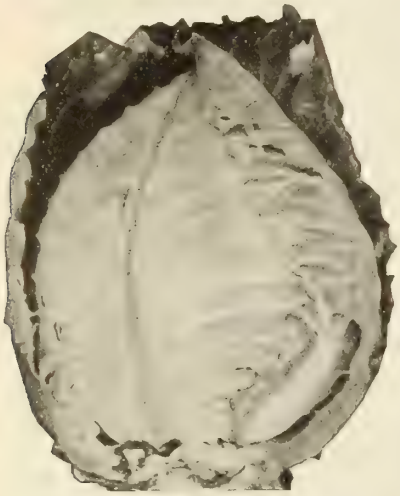
137 Large Wakefield, or Charleston Wakefield—A selection from Early Jersey Wakefield, only it is about one week later, grows much larger, heads often averaging 8 to 10 pounds. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

136 Early Winningstadt—The old standby. In season very close to Early Jersey Wakefield. Heads large, decidedly conical. A very sure header. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

Early Round-Headed Sorts

143 The Volga (No. 20)

(Stonehead.) In a field of several acres frequently not a single plant shows any variation from a true and valuable type. Heads are about equal size and shape, weighing from 12 to 15 lbs. each, round as a ball, the largest measuring about 12 inches in diameter either way. Heads are perfectly solid, and the stem does not run up into the head; the flesh is exceedingly firm, tender and white. In respect to hardiness, we have never seen a type which would favorably compare. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**



Early Jersey Wakefield.

144 Early Spring—As early as Early Jersey Wakefield. Heads firmly even before fully grown. Flat-headed, making it valuable for extra-early market or home use. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**

146 Henderson's Early Summer—About 10 days later than the Early Jersey Wakefield, but fully double the size. Popular with market-gardeners. Equal in weight to most of the late varieties. Can be planted nearly as close as the Early Jersey Wakefield. Heads round. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

The Grandest Winter Cabbage

153 Danish Ball-Head

Hard As a Rock—Heavy As Lead—Greatest Weight in Smallest Space. (See illustration above.)

Well known for its remarkable solidity and grand keeping qualities. The heads are very heavy and superb in quality. The extra weight, in limited space, will be appreciated by those who grow for distant markets, ship in car loads and sell by weight. Our seed is grown for us under contract by one of Denmark's best seed-growers. For dependability and purity it cannot be surpassed. Sure to give satisfaction. **Pkt., 5c.; ¼ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Early Flat or Round-Headed Varieties

141 All-Head Early

A thoroughbred sort of remarkably uniform size and shape and sure heading qualities. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. For winter use, sow in July. By reason of its compactness, 1000 more heads can be obtained from an acre than of many other good sized varieties. **Pkt., 5c.; oz., 30c.; ¼ lb., 90c.; lb., $2.85.**

145 Glory of Enkhousen

Will produce a larger crop per acre than any other early variety. It is very early and large, always solid, fine-ribbed, tender and of good quality. Planted side by side with Early Jersey Wakefield, under the same conditions, it produces heads of marketable size five to six days earlier and fully double the size of those of Early Jersey Wakefield. Glory of Enkhousen is more solid and better flavored and keeps in fine condition much longer. Heads ball-shaped, and with very few outside leaves. **Pkt., 5c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., $2.75.**

142 Eureka First-Early

In comparison with Early Jersey Wakefield, is heavier, hardier, earlier and in addition has a flat head; our many trials of this variety proved it to be true. Forms heads fit for market five days earlier than Early Jersey Wakefield. **Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., 90c.; lb., $3.00.**

147 Fottler's Short-Stem Brunswick—Rapid grower; large, solid heads and few outside leaves; planted early, it is ready for use in July; planted late, it is a choice winter sort. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

Glory of Enkhousen Cabbage

Medium Early Sorts

148 All Seasons (Vandergaw) A greatly improved strain of Early Dwarf Flat Dutch. Heads very large, round, solid and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. One of the very best for general cultivation, and none better for late planting. **Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

154 Early Dwarf Flat Dutch—Excellent second early variety, producing fine, large heads. Highly valued for its fine quality and ability to resist the heat. Heads very solid. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

156 Louisville Drumhead—About Cincinnati and Louisville it has been grown for more than 40 years. Heads very large and solid; a sure header. For winter use, sow late in the season. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.**

158 Succession—About one week later than Henderson's Early Summer; nearly double the size, while it can be planted close, its outer leaves being usually short. A sure header. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., $2.75.**

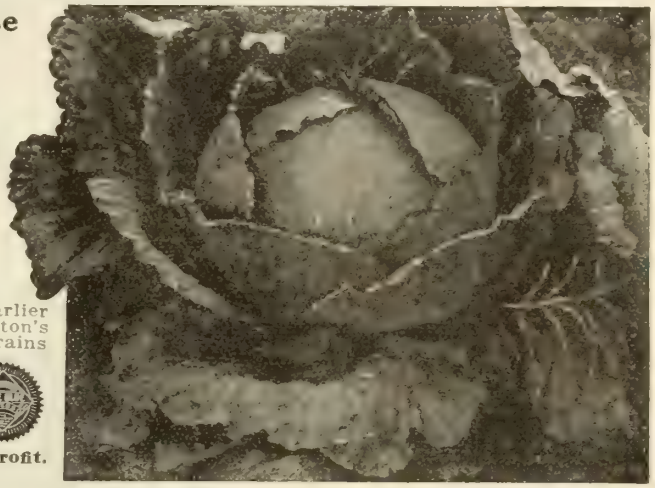
157 Chase's Excelsior — Medium early; heads large, very uniform in type; sure to head, and exceedingly solid. Planted late, it is one of the best winter sorts. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

Late Cabbages for Fall and Winter Use

151 Livingston's Premium Flat Dutch

(See illustration.)

The very best strain of large late Flat Dutch Cabbage we know. Produces many tons per acre on account of its solidity and compact growth. Solid to the core. Our seed stock is grown from fully developed, perfect heads and has no superior. It is sure to head and is highly valued by market growers on account of its excellent shipping qualities. Crisp, tender and of fine flavor. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**



152 Livingston's Ideal Winter A few days earlier than Livingston's Premium Flat Dutch, and one of the most magnificent strains of Late Flat Dutch known today. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage ,uniformity of size and shape, reliability for heading, and long continued selection mentioned above, all combine to make this **the ideal Cabbage for profit. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**

155 Surehead Very reliable header; large, round, flattened heads, and is remarkable for its certainty to head; good keeper and shipper. It is very sweet flavored, has but few loose leaves, keeps well, and as a Cabbage for the kitchen garden is unequaled. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**

163 Autumn King or World Beater

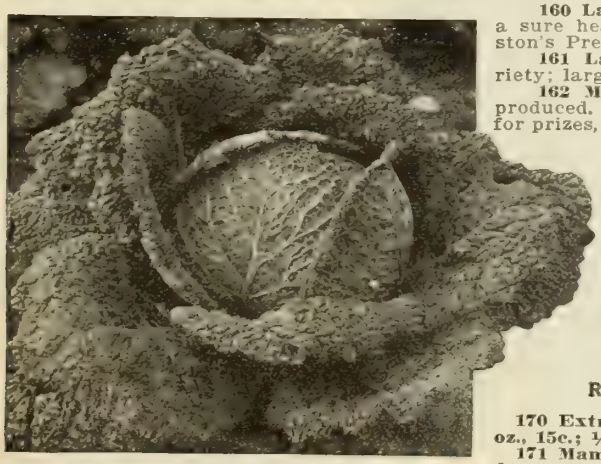
(See illustration above.)

One of the finest strains of late Cabbage. Produces regular, even heads of enormous size; a great cropper; few outside leaves. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.60.**

160 Large Late Flat Dutch—Grows to large size; flat, solid heads; a sure header; good keeper and shipper; second only to our Livingston's Premium Flat Dutch. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**

161 Large American Drumhead—A superior fall and winter variety; large heads. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.**

162 Marblehead Mammoth—The largest variety of Cabbage ever produced. A very desirable variety for warm latitudes; also to grow for prizes, exhibition at fairs, etc. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**



Improved American Savoy Cabbage.

Col de Milan Savoy Cabbages Wirsingkohl

The Savoy or Curley Cabbages are of exceptionally fine flavor and quality, and should be more generally cultivated.

174 Small Early Savoy—Best early dwarf Savoy; heads firm, solid, beautifully crimped; finest quality. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

175 Improved American Savoy—Superior to the ordinary Drumhead Savoy. Heads large and finely curled; short stalk; a compact grower; sure header; keeps well. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.60.**

Repollo colorado Red Cabbages Rotkraut

170 Extra Early Blood Red Erfurt—Earliest and reddest. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

171 Mammoth Rock Red—Heads as large as Large Late Flat Dutch; deep red to center. Highly recommended. Hard as a rock. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

Cauliflower

Coliflor Blumenkohl

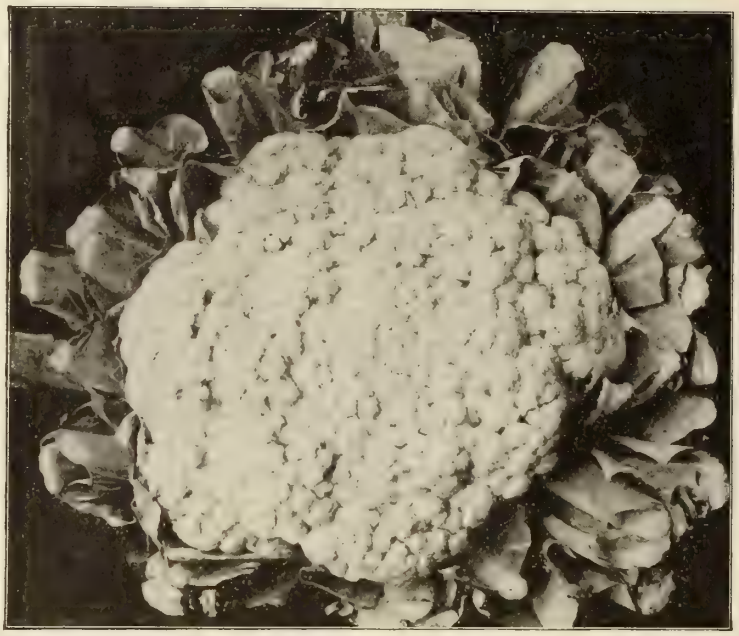
1 Ounce of Seed Produces About 2,000 Plants.

200 Livingston's Earliest

Unquestionably the finest strain of Early Cauliflower in existence. It is the result of skillful selection and careful cultivation by our private grower who is an expert in his line. The seed is produced for us on special contract, in Denmark, where the best cauliflower seed in the world is grown. In earliness no sort surpasses it. In weight and solidity for a given head, it stands without an equal.

The quick growth, the compact habit, the pure solid white color and reliability for heading, are qualities which will commend it to the market gardener.

Price under our "True Blue" Seal: Pkt., 25c.; ¼ oz., 75c.; oz., $2.50; ¼ lb., $8.00; lb., $30.00.



Livingston's Earliest Cauliflower.

201 Livingston's Greenhouse Forcer

Especially adapted for greenhouse forcing on account of its short leaves and low growth. Livingston's Greenhouse Forcer is most valuable for greenhouse culture, and as an extra-early market variety is unsurpassed. Our stock has been especially recommended by our Danish grower. Our market-gardener friends will be highly pleased with the extra-fine final results obtainable with this strain. **Pkt., 25c.; ¼ oz., 85c.; oz., $3.00; ¼ lb., $10.00; lb., $37.50.**

203 Henderson's Early Snowball

One of the best types of Cauliflower on the market. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. A sure header. Our stock cannot be excelled in quality: **Pkt., 25c.; ¼ oz., 65c.; oz., $2.25; ¼ lb., $7.50; lb., $28.00.**

206 Extra-Early Dwarf Erfurt—Dwarf habit, compact growth; short leaves. Plant 20 inches apart. **Pkt., 25c.; ¼ oz., 65c.; oz., $2.25; ¼ lb., $7.50; lb., $28.00.**

207 Large Late Algiers — Popular with canners and market-gardeners. **Pkt., 10c.; ¼ oz., 20c.; oz., 50c.; ¼ lb., $1.75; lb., $6.50.**

205 Veitch's Autumn Giant—The heads are beautifully white, large, compact, and, being thoroughly protected by the foliage, remain for a long time fit for use. **Pkt., 10c.; ¼oz., 20c.; oz., 45c.; ¼ lb., $1.50; lb., $5.00.**

202 Dry Weather Cauliflower

This new Danish strain produces large, solid, pure white heads, maturing a little later than Livingston's Earliest. It is in all respects a first-class cauliflower, but is especially adapted to dry situations and to resist effects of drouths. It will succeed with less rainfall than any other variety we have tested, while it will do as well as any other variety in moist or wet seasons, making heads equal to the best. In dry seasons its merits appear best. **Pkt., 25c.; ¼ oz., 75c.; oz., $2.50.; ¼ lb., $8.00; lb., $30.00.**

Carrots

Zanahorias **Mohren**

180 Improved Danvers Half-Long

(See illustration from our own photo.) **The best for general crop. Will yield the most per acre. Most profitable for market-gardeners; stump-rooted.** Tops medium size, roots deep orange, large but of medium length, tapering uniformly to a blunt point. Smooth and handsome; flesh sweet, crisp and tender. Gives the largest yield per acre of any Carrot. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

184 Livingston's Early Market

(Introduced by us in 1890.) The tops are very small; the roots cylindrical, with remarkably small neck, stump-rooted and very smooth. They have scarcely any core. The quality is unsurpassed. In color, a deep orange. They can be sown very thick and are well adapted for forcing. **Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.15.**

187 Nantes Half-Long — (Stump-Rooted)—Sweet, fine flavored; almost without a core; very fine grained; excellent for the home garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.35.**

182 Early Scarlet Horn—The old standard and favorite early, stump-rooted. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

Danvers Half-Long.

185 Improved Chantenay

A popular and profitable sort to raise for city markets. It is about 6 inches long, thick through and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange red, fine-grained and of a splendid flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.75.**

186 Ox-Heart, or Guerande—Very thick and short; good quality; does finely in shallow soils. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

188 Earliest French Forcing—A small, round variety; used only for the earliest forcing. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

183 Saint Valery, or Intermediate—Thick intermediate, smooth variety, orange-red. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.35.**

181 Improved Long Orange — Selected stock, standard carrot for a main crop; fine for stock feeding. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.25.**

196 Large White Belgian—For stock; green top, roots large, fine quality, productive. **Oz., 5c.; ¼ lb., 15c.; lb., 55c.**

195 Improved Short White—For stock; very large, half-long; heaviest cropper. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

Apio Choice Celery Seed Sellerie

One ounce of seed produces about 2000 plants. Leaflet on Cultivation of Celery sent free, if asked for with order.

Self-Blanching Sorts

Apio blanco lleno **Bleichsellerie**

212 Livingston's Snowhite

Our best Celery! It is without a rival in purity of color; crisp, tender and of good size. In vigor of growth, ease of blanching, richness of flavor and beauty of stalk, "Snowhite" is ideal. It grows solid on all kinds of soil and gives satisfactory returns where other sorts fail completely. Mr. E. J. Hollister, the noted celery grower, and author of our book on Celery Growing, says: "The pearly whiteness of the stalks of your Snowhite Celery denotes good constitution, and together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a portion of a photograph of one dozen stalks, gives some idea of the beauty of this variety, but not of the size. The dozen stalks weighed 20 pounds. Single stalks sometimes weigh 2½ pounds, and quite frequently 2 pounds. It grows solid on all kinds of soil and keeps better than a great many of the best standard varieties. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., $2.75.**

213 Golden Self-Blanching

Our stock is direct from the original introducer, who grew the seeds especially for us. This grand Celery is of French origin and is becoming more popular every year as it becomes better known. It has the demand above all other sorts because of its many superb qualities. It has the same self-blanching habit as White Plume, but is much heavier and more compact, though not so early. At first the entire plant is an attractive yellowish green, and as it approaches maturity the inner stem and leaves become a beautiful waxy-golden color. Grows to good size, is very tender and free from strings, the hearts large and solid, crisp, brittle, of excellent quality and very beautiful. **Genuine French grown seed. Crop very short. Pkt., 15c.; ½ oz., 50c.; oz., 90.**

Note: Owing to extremely short crop we are obliged to limit the quantity of Golden Self-Blanching sold to any one customer to one ounce.

214 Selected White Plume

Almost self-blanching. Its stalks and portions of the inner leaves and heart are so nearly white naturally that by closing the stalks, either by tying or simply drawing the soil up against the plants and pressing it together the work of blanching is completed. It is very ornamental. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.**

Quality First, Price Last

is the motto of the best gardeners in this country. Be sure that the quality is right and then pay a fair price. But don't take anybody's and everybody's word. Find out for yourself by testing strains and varieties—then don't try to save on cost of seeds.

Giant Pascal.

Winter Varieties

Of firmer texture than preceding sorts and consequently better keepers. The stalks grow uniformly larger and are very fine and crisp, if treated properly.

220 Giant Pascal

(See illustration.)

The best of this class. A green-leaved variety, which developed from the Golden Self-Blanching. With thick, solid, crisp stalks and of incomparable flavor. It is of stronger growth than the Self-blanching; also larger, producing perfectly blanched stocks when hilled up properly. Unequalled for rich, nutty flavor. Blanches very easily and is very brittle. A fine keeper, an excellent shipper, retaining color and fresh appearance as long as any other. A favorite with Southern growers. For mid-winter and early spring use it is excellent. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

221 Evans' Triumph—A splendid long-keeping late variety of extra fine flavor. Healthy, strong grower; stalk very white, crisp, tender and brittle. **Pkt. 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

219 Winter Queen

Of short, stocky growth, with broad heavy stalks. Fine for winter use. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

222 Dwarf Golden Heart—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper and of fine, nutty flavor. When blanched, the heart, which is large and full, is a light yellow, making a showy and desirable variety for either the market or private use. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

223 Giant Golden Heart—Produced by careful and high culture from Dwarf Golden Heart by one of the best Celery growers in the country. In quality, appearance and large size it is unsurpassed. One of the best late varieties for market gardeners, while its fine flavor and rich color make it desirable for private use. Very hardy. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

224 Perle Le Grand—A good early Celery. Handsome, stocky, robust. Rich, nutty flavor; a long keeper. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

We can also supply Giant White Solid, Perfection Heartwell, and New Rose at uniform price. Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.

Celeriac, or Turnip-Rooted Celery

Apio nabo **Knollen Sellerie**

Sow the same way as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

230 Apple-Shaped—Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.

231 Giant Smooth Prague—A large and smooth variety. Desirable for market; excellent keeper. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

Davis Perfect

Select Cucumber Seeds

Pepinos **Gurken**

All sorts in lots of 5 lbs. or more 5c. per lb. less. One ounce of seed will plant about 50 hills; one to two pounds to the acre.

We are producing on our own farms large quantities of the finest cucumber seeds that can be grown. If you need larger quantities than those quoted below, let us make you special prices.

298 Davis' Perfect

by using this variety gardeners can produce out-of-doors cucumbers that will sell in the market for hot-house forcing varieties. The shape of Davis' Perfect is ideal; it is almost seedless one-third of its length from the stem, and the few seeds that are contained in the blossom end when in eating condition, are so small and tender that they are hardly noticeable. Most important of all, it does not lose its rich, dark color when grown out-doors. **Our strain is extra fine! Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

291 Green Prolific, or Boston Pickling—A well-known, uniform, small, pickling variety. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

290 Livingston's Select Extra-Early White Spine

(See illustration on front cover)

This private strain we have had over thirty years, and it is the most thoroughbred, uniform and shapely variety known, not only for first early, but for general crop as well. Excels in earliness, often ready for slicing when other sorts are only pickles. In purity it is unequaled. Vines are vigorous growers. The very best for slicing, and make choice pickles, straight and smooth; a great bearer; keeps green much longer than the yellow varieties; no sort excels it in crispness and flavor. Every market-gardener knows how difficult it is to secure pure cucumber seed, and as this sort is absolutely without mixture, we are sure it will be quickly appreciated. **Selected seed grown on our own farms—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; 5 lbs. or more, 80c. lb.**

301 Livingston's Emerald

Introduced by us in 1897. We were eight years in perfecting this variety to produce a **dark-green Cucumber that would hold its color. It is strictly an evergreen,** retaining its color until quite ripe, making it an attractive variety. The fruit sets early. Vines abound in long, straight, fruits. **As a slicer the flesh is perfectly crisp and tender, and the flavor most pleasing.** The young dark green and spineless fruits make excellent pickle. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

300 Vickery's Forcing

A very fine strain of White Spine type, is longer than the ordinary White Spine, and holds its rich, dark-green color well down to the blossom end; an immense cropper, and sells readily in any market. One of the choicest varieties for hot-house, and also hard to excel for out-door cultivation. **Pkt., 10c.; oz., 35c.; ¼ lb., $1.10; lb., $4.00.**

299 Klondike

Excellent strain of White Spine, remarkable for the uniformly dark green skin of its shapely fruits. Popular with Southern planters who find a ready market for it in the North. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

304 Jersey Pickle—Splendid pickling sort. Makes long, slender, cylindrical pickle. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

Frame and Forcing Cucumbers

Used for greenhouse growing, for which they are especially adapted.

317 Rawson's Hothouse

A very fine strain of cucumbers for forcing or out-door planting. It is an improvement on the White Spine, the fruit being two inches longer and much darker green in color. It is a very handsome variety, and we recommend it to market-gardeners who want a **strictly first-class** article. **Pkt., 10c.; oz., 45c.; ¼ lb., $1.25; lb., $4.50.**

316 Rollison's Telegraph — Grows about 18 inches long; bright green. **Pkt. of 15 Seeds 25c.**

302 Livingston's Evergreen Pickling

introduced by us in 1890. **Generally admitted to possess every qualification required in a perfect pickling Cucumber.** Exceptionally productive. It is a very strong grower, extra-early, and bears firm, crisp fruits, which are excellent for slicing also. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

296 Cool and Crisp — An elegant strain of White Spine. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

297 Cumberland—Handsome and productive pickling sort; flesh crisp, firm. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

295 Hill's Forcing White Spine — Large, straight, full, well-formed. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

294 Arlington Improved White Spine—An improved market cucumber; perfect shape. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

293 Extra Long, or Evergreen White Spine—Much grown under glass. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

288 Nichol's Medium Green—Our own headquarters stock. Color dark green. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

289 Early Green Cluster—Slim fruits. Highly desirable for pickles. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

286 Extra Early Russian—Short and very early, hardy and prolific. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

292 Improved Long Green

Long; splendid quality; fine for family use. (See illustration.) **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

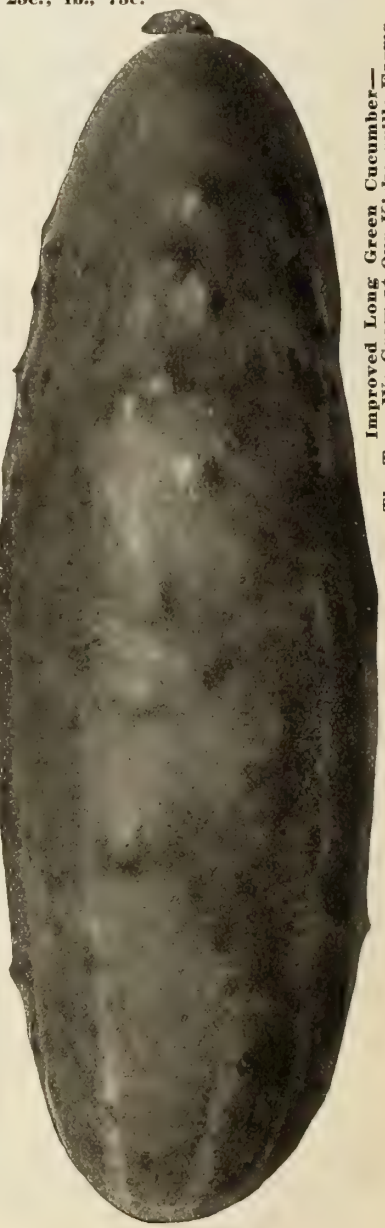
287 Early Frame, or Short Green—Early, productive, medium, good shape. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

308 Tailby's Hybrid — Large, long. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

310 Gherkin, or Burr — True stock. Used only for pickles; very small. **Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.**

303 Westerfield Chicago Pickle—Medium in length, pointed both ends, deep green. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

307 Giant Pera — Long, smooth, straight, tender. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**



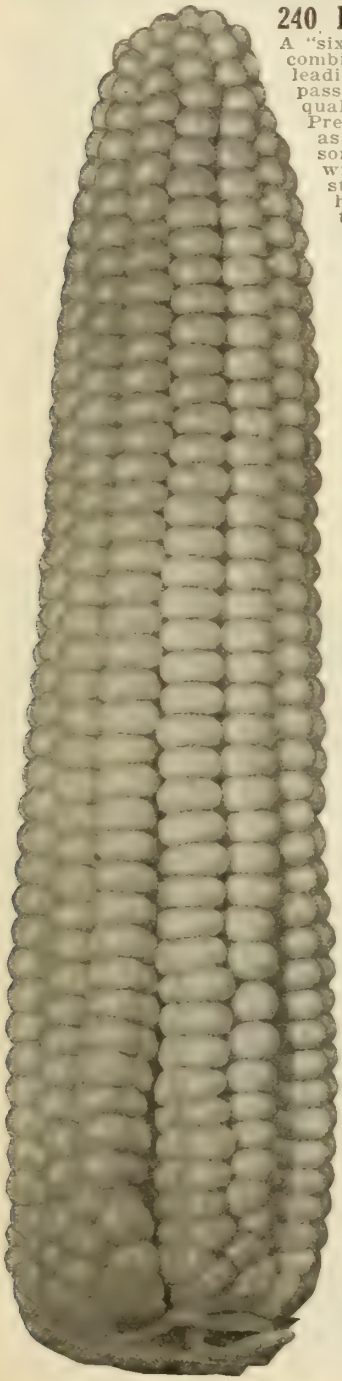
Improved Long Green Cucumber—The Type We Grow at Our Kirkersville Farms.

Maiz dulce **Best Varieties of Sweet Corn** Speise Mais

Earliest Sorts

242 Golden Bantam Were we asked to name the **sweetest** Sweet Corn, we would unhesitatingly say "Golden Bantam." It is not only the sweetest, but also one of the hardiest, and what it lacks in size is more than made up by its other grand qualities. The ears are from 6 to 7 inches long, eight rowed, filled with broad, sweet, golden-yellow kernels.

Golden Bantam may be planted with perfect safety from ten days to two weeks earlier than other Sweet Corns. The dry seed is quite solid and is not as apt to rot as that of the softer kinds. As early as the Cory and of better flavor. **Qt., 20c.; 4 qts., 65c.; pk., $1.15; bu., $4.50.**



Columbus Market.

240 Extra Early Premo A "sixty-day" sweet corn which combines all the merits of other leading early sorts and surpasses most of them in size, quality and productiveness. Premo can be planted fully as early as the Adams' sorts, for the young plants withstand slight frosts. The stalks grow about five feet high and generally bear two well developed ears to a stalk. **Qt., 15c.; 4 qts., 50c.; pk., 90c.; bu., $3.50.**

241 Peep O'Day Of extraordinary earliness and unparalleled sweetness. The stalks of Peep-O'-Day Corn grow from 3½ to 4½ feet high and bear from two to five ears each. Ears average 6 inches long and contain from 8 to 12 rows of small but deep white kernels. **Qt., 20c.; ½ pk., 60c.; pk., $1.00; bu., $3.75.**

243 Earliest Catawba Ready for table in 70 days from date of sowing. Plant is heavily shaded with dark red. When ready for use, the ears are closely set with pearly white grains which are tinted with rose-pink. In the dry stage the kernels take that dark, rich purple color so characteristic of the Catawba grape—hence the name.

Earliest Catawba is of delicious flavor. Ears average 7 inches in length and contain 8 rows of broad kernels of delightfully distinct flavor. Often 3 ears are borne on one stalk and if suckers are permitted to develop, as high as 5 ears may be gathered off one plant. Small white cobs. **Pkt., 10c.; pt., 35c.; qt., 60c., postpaid. By express: Qt., 50c.; ½ pk., $1.10; pk., $2.00.**

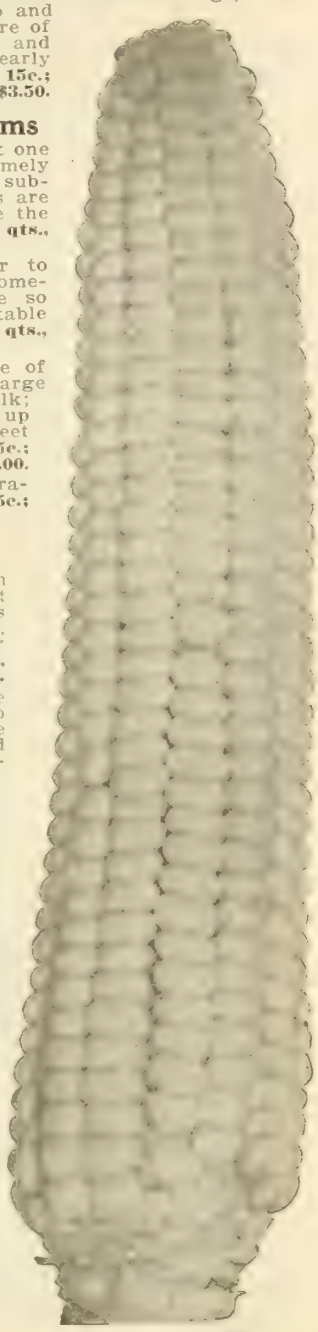
247 Kendel's Early Giant (See illustration.) The ears are large, with ten or more rows of plump and purest white kernels, that are of the most deliciously sweet and rich sugar flavor. Very early for so large-eared sort. **Qt., 15c.; ½ pk., 50c.; pk., 90c.; bu., $3.50.**

245 Extra Early Adams Not a true Sweet Corn, but one that can be planted extremely early on account of the firm substance of its grains. Plants are very hardy and will produce the earliest ears. **Qt., 15c.; 4 qts., 50c.; pk., 90c.; bu., $3.25.**

246 Early Adams—Similar to Extra-Early Adams; ear somewhat larger, but not quite so early; is good for early table use. **Pkt., 5c.; qt., 15c.; 4 qts., 45c.; pk., 80c.; bu., $2.75.**

263 Extra-Early Cory—One of the earliest varieties. Large ears, considering size of stalk; small red cob, well filled up with handsome and very sweet kernels. **Pkt., 5c.; qt., 15c.; 4 qts., 45c.; pk., 85c.; bu., $3.00.**

256 Extra-Early White Cory—Identical with Extra-Early Cory, except color; the cobs are white. **Pkt., 5c.; qt., 20c.; ½ pk., 60c.; pk., $1.00; bu., $3.75.**



Kendel's Early Giant.

Second-Early and Main Crop Varieties

249 Columbus Market Comes into market with the second earlies, but fully twice as large as any of them. The ears carry an average of sixteen rows of fine, large, deep, white and very sweet grains. Especially adapted to the market gardener's needs. **Pkt., 5c., qt., 15c.; 4 qts., 50c.; pk., 90c.; bu., $3.25.**

270 Livingston's New Broad-Grained—For the past five or six years this variety has been closely selected to produce the broadest possible grains, and at the same time to retain its depth of grain, as well as its splendid eating qualities. The ears are largely of the eight-rowed type. **Qt., 20c.; 4 qts., 50c.; pk., 95c.; bu., $3.50.**

264 Country Gentlemen Without doubt the most luscious of all varieties. The plump, pearly-white kernels are of great depth, most delicious, and the flavor will delight an epicure. Size of ear attractive, has small cob, and retains its tenderness a long time. Our Extra Select Country Gentleman is extra fine. (See illustration top of page 18.) **Qt., 15c.; 4 qts., 50c.; pk., 90c.; bu., $3.25.**

262 Black Mexican—One of the sweetest Corns that grow; color when in roasting ear, purple and white. **Pkt., 5c.; qt., 20c.; ½ pk., 65c.; pk., $1.15; bu., $4.00.**

261 Burlington Hybrid—Not a pure Sweet Corn, but of better quality than the Adams varieties; of splendid size. **Pkt., 5c.; qt., 15c.; ½ pk., 45c.; pk., 85c.; bu., $3.00.**

255 Crosby's Early—Standard old sort; very sweet; early. **Pkt., 5c.; qt., 20c.; ½ pk., 55c.; pk., 95c.; bu., $3.50.**

254 Early Minnesota—White cob and kernels. **Pkt., 5c.; qt., 20c.; ½ pk., 55c.; pk., 95c.; bu., $3.50.**

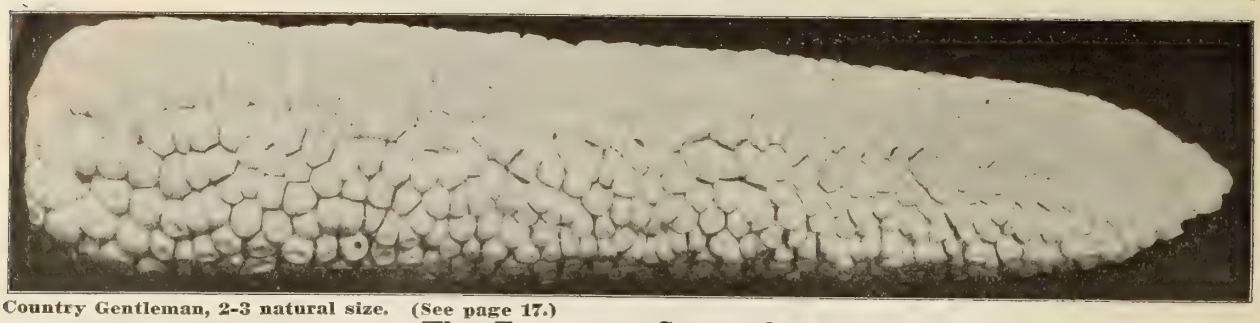
260 Hickox Improved—Earlier than Stowell's Evergreen, and having large, attractive ears, very white, rich flavor. **Pkt., 5c.; qt., 15c.; ½ pk., 50c.; pk., 90c.; bu., $3.25.**

273 Mammoth Sugar—Produces larger ears than any other Sugar Corn, and of good quality. **Pkt., 5c.; qt., 20c.; ½ pk., 55c.; pk., 95c.; bu., $3.50.**

257 Mammoth White Cory—This new strain is as early as the original Extra-Early Cory, with ears of larger size. **Pkt., 5c.; qt., 20c.; ½ pk., 60c.; pk., $1.00; bu., $3.75.**

259 Perry's Hybrid—An early-variety of large size; ears well filled with pure white kernels; strong grower. **Pkt., 5c.; qt., 15c.; ½ pk., 50c.; pk., 90c.; bu., $3.25.**

258 Shaker's Early—Splendid market sort; large. **Pkt., 5c.; qt., 20c.; ½ pk., 60c.; pk., $1.00; bu., $3.75.**



Country Gentleman, 2-3 natural size. (See page 17.)

The Evergreen Sweet Corns

267 Livingston's Red Cob Evergreen

Our old variety, introduced by us in 1860, and now a general favorite for family use, as well as market purposes. It is a first-class second-early sort. Productive, large, well-filled ears, with broad kernels and small cob, filled well over tip. Very sweet. **Pkt., 5c.; qt., 15c.; ½ pk., 45c.; pk., 85c.; bu., $3.00.**

268 Livingston's White Cob Evergreen—This is our old Livingston's Evergreen, with a white cob. The new White Cob strain lacks not one good quality of the older sort, from which it sprung. A splendid second-early sort. **Pkt., 5c.; qt., 15c.; ½ pk., 45c.; pk., 85c.; bu., $3.00.**

Endibia Endive Endivien Salat

343 Fine Green Curled Winter—Hardiest variety; very desirable for home use or market garden. Deep-green leaves beautifully cut and curled; easily blanched and becomes very crisp, tender and very fine flavored. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

346 Broad-Leaved Batavian (Escarolle)—Leaves light-green. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

Berenjena Egg Plant Eierpflanze

330 Livingston's Mammoth Purple This splendid variety we obtained by very careful selection and cultivation. We now have the finest strain of Mammoth Egg Plant of which we have any knowledge. While immense size was one of the main objects kept in view, we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a large sort, and is a sure cropper. The plants are large, vigorous and productive. Fruit very uniform in color and shape; very large, usually seven to nine inches in diameter, but sometimes specimens are grown that measure ten inches. Skin a very handsome dark purple, smooth and glossy. Flesh white, of superb quality. We pronounce it **the best Egg Plant in cultivation—no exception.** It is very important that growers have the best seed and variety obtainable, for if irregular in shape, or green in color, Egg Plants are quite unsaleable. **Selected Seed—Pkt., 10c.; oz., 25c.; ¼ lb., 90c.; lb., $3.25.**

332 New York Improved Purple Spineless — Standard oval; deep purple; early, productive. **Pkt., 10c.; oz., 25c.; ¼ lb., 85c.; lb., $3.00.**

334 New Black Beauty —Extra early; very rich color to stem; unusually productive. Seed crop of Black Beauty was almost a failure, and stock is very low. **Pkt., 10c.; oz., 25c.; ¼ lb., 90c.; lb., $3.25.**

340 Florida High Bush —A large fruited, purple sort; very popular with Southern growers. **Pkt., 10c.; oz., 25c.; ¼ lb., 90c.; lb., $3.25.**

Livingston's Mammoth Purple Egg Plant.

266 White Evergreen

A High-bred Pure-White type of the ever popular Stowell's Evergreen, developed by careful selection. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well filled to the tip with long, slender kernels. Market-gardeners, canners and all lovers of Sugar Corn have been long wishing for a white Sweet Corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state, both cob and kernel are pure white. **Pkt., 5c.; qt., 20c.; ½ pk., 55c.; pk., 95c.; bu., $3.50.**

269 Stowell's Evergreen

A favorite with market-gardeners for late use, and especially for the kitchen garden. Ears large, kernels very deep, tender and of most delicious sweetness; very productive. **Pkt., 5c.; qt., 15c.; ½ pk., 45c.; pk., 85c.; bu., $3.00.**

278 Sweet Corn for Fodder—Sow thickly in drills or broadcast at the rate of two or three bushels per acre. **Pk., 80c.; bu., $2.75.**

325 Dandelion **Large Leaved.** Leaves fully double the size of common sort. Grown for "greens" early in the spring. **Oz., 40c.; ¼ lb., $1.25; lb., $4.50.**

356 Dill A well-known herb used largely by pickle manufacturers. Plants and seeds resemble Sweet Fennel. **Oz., 5c.; ¼ lb., 20c.; lb., 60c.**

365 Sage Cut the young shoots when flowers open and dry in the shade. Used for flavorings and dressings. **Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.25.**

Mr. S. P. James, Bartow, Fla., writes Oct. 23, 1911, as follows:

"I am in the market for five to ten pounds each of the following seeds, and would be glad to have your wholesale prices on same: Livingston's Globe Tomato, **Livingston's Mammoth Egg Plant,** and Ruby King Peppers. I have used your seeds for the past fifteen years and have always found them the best."

Kale

Col rizada

Kraus-oder Blaetterkohl

Kale, Borecole, or German Greens, are general terms applied to these classes of Cabbage, which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food.

Dwarf Green Curled or German Green—Is very dwarf and spreading. The leaves are beautifully curled and of a bright-green color. Quite hardy and will remain green all winter, where the temperature does not fall below zero. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

379 Siberian — Dwarf, bluish-green. Extensively grown as winter greens; sow in September in rows a foot apart, and cultivate the same as Spinach; very hardy and makes excellent spring greens. We offer a very choice strain of this variety. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.; 5 lbs. for $1.75.**

Our Selected Strain of Grand Rapids—as tested in "True Blue" Trialgrounds.

Nabicol o Col rabano

Kohlrabi or Turnip Rooted Cabbage

Kohlrabi

When they are young and tender they are fine for table use; when matured they keep splendidly and are excellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like Early Cabbage. For winter plant the middle of June or the first of July out-doors in rows, 18 inches apart, transplanting or thinning out to 8 inches apart in the rows. **One oz. of seed sows 200 feet of drill.**

382 Earliest White Vienna—Greenish-white outside, clear-white flesh within. Smooth, short leaf; good for forcing; fine quality. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

383 Earliest Purple Vienna—Same in every respect as the Earliest White Vienna, except in the outside color. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

Puerro

Leeks

Porree oder Lauch

387 Broad Scotch, or London Flag

Hardy; large, strong plants with broad leaves. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

388 Large Musselburg (Carentan, or Scotch Champion)—Favorite market sort. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

389 Large Rouen—One of the standard varieties: a very fine keeper. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

Livingston's Superior

Lettuce Seed

All our Lettuce is selected with the greatest care by the most experienced growers of this country. During the different stages of development the fields are critically rogued and great pains are taken to have types uniform.

Earliest and Forcing Varieties

396 Selected Grand Rapids

(See illustration above)

This superb Lettuce is especially adapted for greenhouse culture in winter also a good Lettuce to sow outside early in the spring for family use. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good condition for a long time after cutting. **Our strain is extra fine, reselected with greatest care. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

395 Selected Big Boston

(See illustration below)

One of the most popular sorts in the South for shipment to Northern markets. It forms good-sized heads and does particularly well during the cool fall and spring months. Heads of a pleasing light-green color, firm and of superior quality. When grown in cold-frames, the heads are not as tight as when grown outside. One of the best market varieties we know. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25; 5 lbs. for $6.00.**

397 May King

Extra fine for forcing as well as growing in open ground early in the Spring. May King will not form heads during the hot summer months. But for extra-early spring planting we know of no better sort. It makes a quick growth, forming attractive heads 6 to 7 inches in diameter. The heads are tightly folded, practically all head, light-green outside and beautiful light-yellow towards the center. Quality etxra fine. (See head 3 in illustration on page 20.) **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

Loosehead or Cutting Varieties

401 Black-Seeded Simpson (Curled) — Very popular among market-gardeners, and fine for the home table. Forms a large, loose head. White curly leaves. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

402 Early Curled Simpson—A leading early sort; does not head, but forms a compact mass of curly leaves of yellowish green. Matures early; generally grown in cold-frames and as an early crop. Very tender and most crisp. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

403 Prize Head—Mammoth light green heads, tinged with brownish red. Superb flavor; very hardy; fine for home use; too tender to ship any distance. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

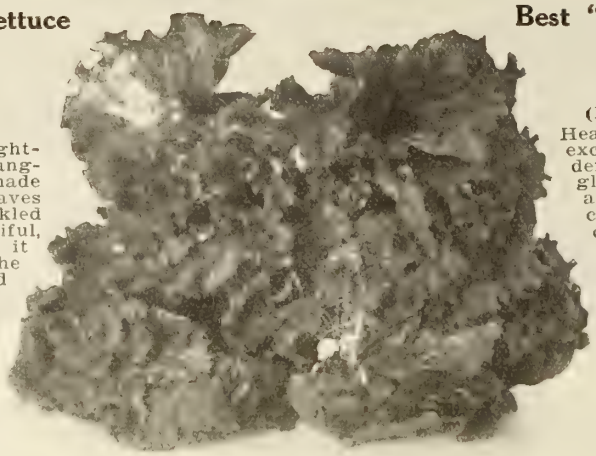
Big Boston **Big Boston**

A Grand "Loosehead" Lettuce

of the Curled Simpson Type:

Livingston's 400 Bon Ton

Has a beautiful light-green outer head, changing to a rich cream shade at the heart. The leaves are just enough wrinkled to make them beautiful, yet not enough so as to render it difficult to prepare them for the table. It is especially adapted for local markets and family gardens, but for shipping it is not so good on account of its exceeding crispness. **Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., $1.75.**



Livingston's Bon Ton Lettuce.

"Butterhead" Lettuces

408 California Cream Butter

Extra fine sort of this type, forming splendid large, compact heads in cool weather. Heads round and solid; outside green; within the leaves are a rich, creamy yellow color; most delicious and buttery in taste. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

409 Deacon (See head 2 in illustration below.) While this Lettuce does not grow so large as some sorts, it has few outside leaves, grows very solid and is of delicious buttery flavor. The center blanches to a bright yellow and is very crisp and tender, remaining so even in hot weather. One of the finest sure heading summer sorts. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

410 Early White Cabbage, or Philadelphia Butter—This old reliable variety is very tender, has large, solid, greenish white heads and stands the heat extremely well. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

411 Defiance Summer (Perpignan)—Large, solid heads that are slow in running to seed. Leaves a beautiful bright green. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

412 Mammoth Black-Seeded Butter—Heads large, solid, blanching to white at center; leaves smooth, brittle and fine flavored. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

415 Salamander Improved—Fine, compact heads, resists summer heat; very popular. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

414 Mammoth Salamander—Large, compact heads; color light green, shading to white at the center; leaves thick and tender. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

413 Silver Ball—Excellent quality; heads **silver-white**, compact, beautifully curled leaves. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

"Crisp-as-Ice" Lettuce has the right name, very tender, fine, yellow heads inside."—Capt. J. S. Spouster, Camp Hill, Pa.

Best "Crisp Head" Lettuces

Livingston's 418 Crisp-as-Ice

(Introduced by us in 1895.)

Heads are solid, and exceedingly crisp, tender and brittle. The glossy outside leaves are thick, nicely crimped and curled; of dark bronze and green color. The heads, when cut open have a rich, creamy yellow heart. **Pkt., .5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

419 Wonderful

(New York.) Has been grown to weigh 6 pounds to the head and frequently weighs 2 to 3 pounds. The heart is solid, of light green color, very sweet, tender and crisp. Very long standing. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

420 Denver Market, or Savoy Lettuce

(See head 5 below.) Heads large, solid and of desirable light green. Leaves beautifully marked and blistered; crisp, tender and delicious. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

421 Iceberg (See head 4 below.) Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges. Very handsome heads, unusually solid. Crisp, tender and fine in every particular. **Pkt., 5c. oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

422 Improved Hanson

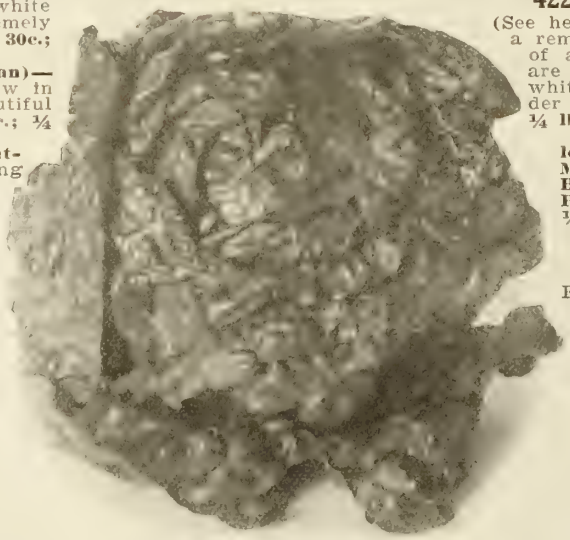
(See head 1 below.) Heads grow to a remarkable size, resembling that of a flat cabbage. Outer leaves are bright green, inner leaves white and deliciously sweet, tender and crisp. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

We can also supply the following well-known Lettuces: Mammoth Marblehead, Tennis-Ball, Black and White-Seeded. Price of each, pkt., 5c.; oz., 15c.; ¼ lb., 40c.

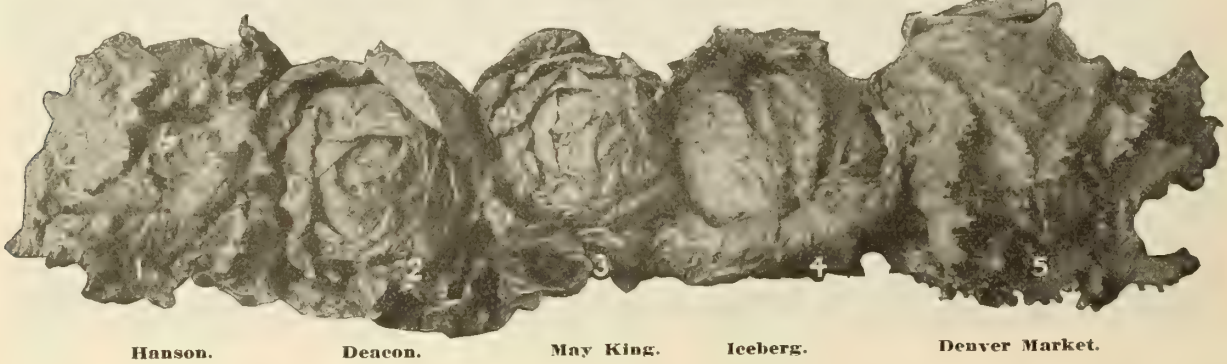
427 Celery Lettuce, Trianon Cos

Finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, blanch and become snowy white. Excels in quality and crispness. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

We realize that we help ourselves most by helping our customers. If our thoroughbred stocks impress you favorably, you are sure to come back for more. We make sure that what we sell is right because we want to stay in business for many years to come.



Livingston's "Crisp-as-Ice" Lettuce.



Hanson. Deacon. May King. Iceberg. Denver Market.

Melon Almizcleno o Cantalu

Musk Melons or Cantaloupes

Zucker Melonen

Best Red or Salmon Fleshed Sorts

430 Livingston's Tip Top is fully described among specialties on page 4. It is still the grandest of all salmon-fleshed Musk Melons.

437 Emerald Gem Ripens early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

432 New Fordhook A very beautiful new sort. Productive, solid, thick through. Ripens with the popular Rocky Ford. **Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

433 The Davis Grand Ten to fourteen days earlier than the Osage. Is of remarkably uniform size, and color and flavor of flesh are very fine. Fruits average about six inches in diameter. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

436 Burrell Gem (also called Osage Gem or Ordway's Pink)—Of sweet and aromatic flavor, oblong shape, smoothly rounded ends, closely netted and slightly ribbed, dark green skin. Fruits average 6 inches long by 4 inches deep. Very fine for marketing. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75.**

431 Hoodoo—The fruits average nearly round, quite like the Netted Gem. The netting is exceptionally dense. The rind, although thin, is so very firm that the melons arrive in distant markets in perfect condition. The flesh is very thick, highly colored and of most delicious flavor. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

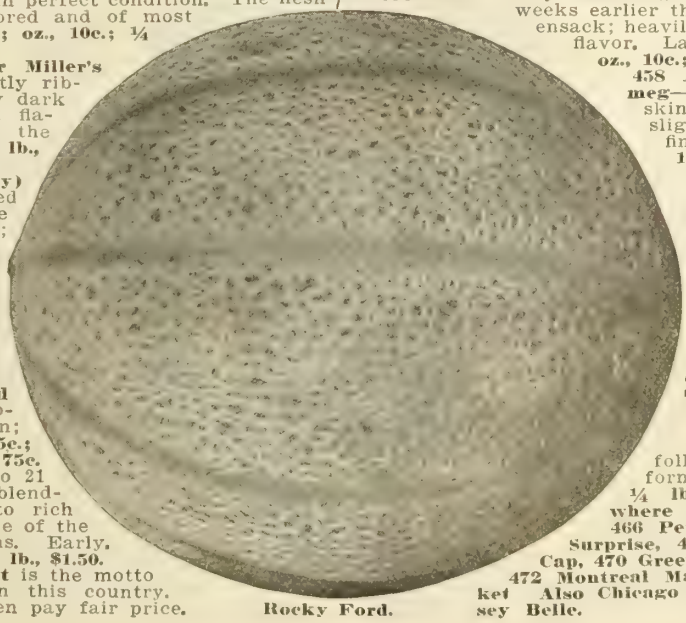
438 Improved Osage, or Miller's Cream—Large, oval, slightly ribbed and netted; skin very dark green, flesh thick, sweet flavored, most delicious to the rind. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c. lb., $1.25.**

439 Paul Rose (Petoskey)—A large sized Netted Gem with deep orange flesh. A great producer; as early as the Netted Gem. The Paul Rose originated in northern Michigan, where the climate seems particularly adapted to the production of high-quality melons. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

443 Skillman's Netted Nutmeg—Small, early, prolific, netted; flesh green; quality superior. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb. 75c.**

Banana—Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. Early. **Pkt., 5c.; oz., 20c.; ¼ 45c.; lb., $1.50.**

Quality Firs , Price Last is the motto of the best gardeners in this country. Demand quality seeds, then pay fair price.



Rocky Ford.

Best Green Fleshed Sorts

448 Livingston's Ohio Sugar is easily the leader in this class. This sweetest of all melon is fully described on page 4.

449 Livingston's Rose Gem Introduced by us in 1896. An improved Netted Gem. We consider it the **very best and most profitable extra-early melon in existence for market-gardeners and shippers, being especially adapted to basket-shipping.** The beautiful green flesh is fine grained, as "smooth as butter," and of the most delicious quality. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

450 Livingston's Market Has beautiful close, strong netting; a most vigorous grower. Very prolific, uniform in size. Fruit solid, small seed cavity, seldom bursts; of fair quality. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

454 "Rocky Ford" Melons **An improved Netted Gem Melon with sweet, green flesh.** In the hands of Rocky Ford growers it has made Colorado famous for melons of unequaled quality. Our seed was grown for us at Rocky Ford, and is saved especially for seed purposes. (Illustrated below.) **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

455 Burpee's Netted Gem—One of the most delicious in the whole list. Small and round in shape. Firm, green flesh. Sweet and luscious. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

456 Extra Early Hackensack — Produces melons two weeks earlier than the well-known Hackensack; heavily netted; of most delicious flavor. Large, fine form. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

458 Acme, or Baltimore Nutmeg—Has heavily netted, green skin; good size; shape oval, slightly ribbed, flesh thick, fine flavored. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

459 Long Island Beauty—A splendid variety of Hackensack type, but slightly more ribbed. Of superior quality. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

460 Extra-Early Green Citron. Nearly round; fairly netted; quality very fine. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

Some Other Good Musk Melons

We can also supply the following sorts at the uniform price of **pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; except where noted otherwise:**

466 Perfection, 468 Cassaba, 469 Surprise, 457 Hackensack or Turks Cap, 470 Green Nutmeg, 471 Jenny Lind, 472 Montreal Market, 473 Champion Market Also Chicago Market, Surprise and Jersey Belle.

Field of Tom Watson Water Melons.

Sandias **Water Melons** Wasser Melonen

542 Tom Watson An extra long melon of attractive appearance, uniform in shape and quality. The luscious flesh is "as sweet as honey," melting, and of superb flavor. The average melon will weigh 35 to 40 lbs. and measure about 28 inches long and about 12 inches in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. (See illustration above.) **Pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.**

485 Alabama Sweets—Long, dark-green fruits of best quality. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

489 Blue Gem, or Iceberg—A blue Kolb's Gem; flesh bright red, delicious and crisp. **Oz., 5c.; ¼ lb., 10c.; lb., 25c.**

491 Cole's Early—Deep red flesh of finest flavor. Very early. **Oz., 5c.; ¼ lb., 15c; lb., 50c.**

493 Preserving Citron (Red Seeded)—Makes beautiful preserves of unsurpassed quality. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

495 Cuban Queen—Large oblong sort, striped light and dark green. Flesh red. **Oz., 10c.; ¼ lb., 20c.; lb., 45c.**

497 Duke Jones—Large, dark-green melons; flesh bright red, of extra quality. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

499 Florida Favorite—Striped light and dark green; delicious. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

501 Fordhook Early—Earliest melon of good size. Dark green. Flesh bright red. **Oz., 10c.; ¼ lb., 15c.; lb., 50c.**

503 Georgia Rattlesnake, or Gypsy—True stock, oblong, striped. Crimson flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

505 Girardeau's Triumph—Thick, short melons; dark-red flesh; finest quality. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

507 Gray Monarch, or Long White Icing—Large, light green; crimson flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

508 Halbert Honey—Oblong, dark-green skin; delicious. Finest for home markets. **Oz., 10c.; ¼ lb., 20c.; lb., 65c.**

510 Harris Earliest—Large, oval sort, with mottled skin. Sweet, tender flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

512 Ice Cream, True White Seeded—Mottled gray skin; flesh deep pink; delicious. **Oz., 10c.; ¼ lb., 15c.; lb., 50c.**

514 Improved Dixie—Fruit beautifully striped; flesh very red and juicy; solid. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

516 Kleckley Sweets—Oblong, dark green, with thin rind. Flesh scarlet, firm. **Oz., 10c.; ¼ lb., 20c.; lb., 65c.**

518 Kolb's Gem—A good shipper. Large, oval; flesh bright red and very firm. **Oz., 5c.; ¼ lb., 15c.; lb., 30c.**

520 Livingston's Nabob—Fine early shipper. Large, heavy, flesh deepest scarlet. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

524 McIver's Wonderful Sugar—Large, oblong, beautifully striped. Pink, crisp. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

526 Mountain Sweet—Long, dark, green, solid; sweet, sure cropper. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

528 Peerless—Rounder than Ice Cream—Medium size, most delicious, pink flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

530 Phinney's Early—Choice early market sort. Medium, oblong; flesh red. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

532 Pride of Georgia—Large, round; flesh bright red, crisp, of delicious flavor. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

534 Round Dark Icing—Fine market sort, dark green. Early, solid, very sweet. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

536 Round Light Icing—Very prolific; of the same flavor as preceding sort. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

538 Seminole—Splendid sort. Large, early, oblong. Flesh vivid crimson, sweet. **Oz., 10c.; ¼ lb., 20c.; lb., 50c.**

540 Sweetheart—Bright, red, crisp flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 3 lbs. for $1.00.**

Packets of all sorts 5c. except where otherwise noted.

Seta **Mushroom Spawn** Champignonbrut

Mushrooms can be grown in any dark room or cellar where the temperature is kept at 50 to 70 degrees. From some old pasture procure good, rich soil and store it away. To every bushel of this, add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed four feet wide. Put down a thin layer and pound it down hard, and so on until the bed is twelve to eighteen inches thick. It soon heats; let the heat recede until it is only 85 to 90 degrees. Then make holes a foot apart, and put in the Spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil down solid and smooth. Let the bed remain in this condition about twelve days; then cover the bed with two inches of fresh loam, and over this put four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. One pound will plant a bed 2x6 feet.

English Milltrack Spawn—By mail, postpaid, per Brick, **30c.**; 5 for **$1.25.**. By express, at buyer's expense, lb., **15c.**; 5 lbs., **60c.**; 10 lbs., **$1.00**; 25 lbs., **$2.25**; 100 lbs., **$7.50.**

American, Pure Culture Spawn—Brick, **35c.**; 5 for **$1.50**; by mail, postpaid. By express, at buyer's expense, per Brick, **25c.**; 5 Bricks, **$1.00**; 10 Bricks, **$1.75**; 25 Bricks, **$4.00.** Bricks weigh about 1 1-3 pounds each.

Mushrooms: Edible and Otherwise—By M. E. Hard. A guide to the study of Mushrooms, with special reference to the edible and poisonous varieties. 624 pages, 500 beautiful illustrations; size 7½x10. Handsomely bound. **$4.75** Postage 40c. extra.

How to Grow Mushrooms—A booklet of 14 pages with full and complete instructions to grow Mushrooms **successfully, 10c.**

Mostaza **Mustard** Senf

Recommend to your customers to try mustard cooked like spinach. It is delicious and of most appetizing flavor. Mustard and Endive mixed make also a fine dish. Suggest uses for the things you grow and your sales will increase.

550 Southern Giant Curled—Leaves very large; used like Spinach. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 5 lbs., $1.50.**

551 Fordhook Fancy—Beautifully curled leaves; stands long before going to seed. **Oz., 10c.; ¼ lb., 15c.; lb., 50c.**

552 Chinese—This variety has most agreeable flavor, when cooked like Spinach. **Oz., 10c.; ¼ lb., 15c.; lb., 40c.**

554 White English, or London—Leaves while young are used for salads; grows rapid. **Oz., 5c.; ¼ lb., 10c.; lb., 25c.**

Quimbombo **Okra** Safran

620 White Velvet—Extra fine. Large pods, velvety-white, superior tenderness and flavor, prolific. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

621 Perkin's Mammoth

Dwarf and productive; beautiful, long, deep-green pods. (See illustration.) **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

Cebollas Livingston's Superior Onion Seed Zwiebeln

So proud are we of our "Private Strains" of the leading American Onions that we have given them pages 4 and 5, among the Specialties in this Catalog. Be sure to consult those pages for additional information about Livingston's Superb Onion Seed.

The Best American Onions

All Sorts 5c per pkt.

Yellow Varieties

562 Flat Yellow Danvers—The earliest sort. A standard variety, round, small neck, mild-flavored, prolific. Our strain is unsurpassed. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

560 Ohio Yellow Globe—Our own growing. Perfect globe-shaped (see page 5). **Oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

566 Select Yellow Globe Danvers—Choicest home grown. Of more globular shape than Flat Yellow Danvers, splendid mild flavor, excellent keeper and most prolific yielder (see page 5). **Oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

574 Yellow Dutch, or Strasburg—Very fine keeper, flat, yellow skin, white flesh. **California Grown Stock, oz., 10c.; ¼ lb., 35c.; lb., $1.25. Select Ohio Grown Stock, oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

564 Southport Large Yellow Globe—The finest large yellow sort for some sections; handsome and mild in flavor (see also page 5). **Oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

570 Mammoth Yellow Prize-Taker—A mammoth, globe-shaped yellow variety; mild. **Oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

White Sorts

580 Southport Large White Globe—Choicest home grown. Very large and handsome, globular-shaped variety; flesh firm, fine grained and mild (see page 5). **Oz., 30c.; ¼ lb., 85c.; lb., $3.00**

583 Philadelphia White Silver Skin—Full-grown, a fine round onion; the best for sets. **Oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

582 Indiana White Silver-Skin

Makes fine flat onions; but round, hard, splendid sets (see illustration). **Oz., 15c.; ¼ lb., 40c.; lb., $1.50; 5 lbs., $7.00; 10 lbs., $12.50. Special prices on larger quantities upon application.**

578 White Portugal—Produces large, flat bulbs. Very early, mild-flavored. **Oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

Red and Brown Sorts

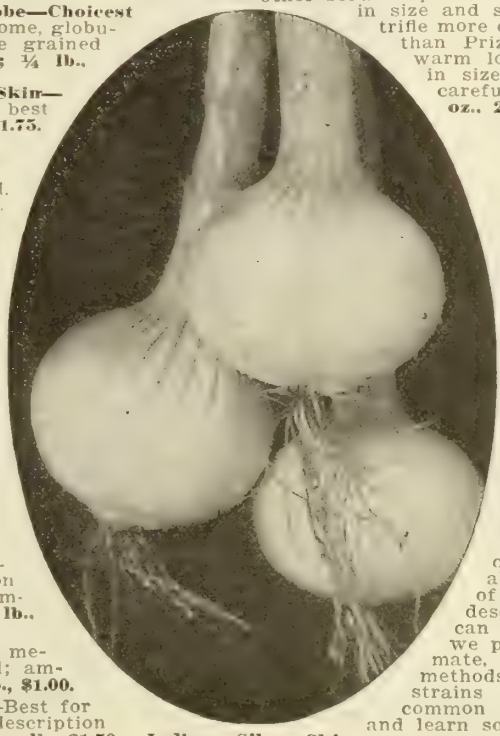
586 Extra Early Red—Earliest sort. Smaller than next sort, good keeper, productive. **Oz., 10c.; ¼ lb., 30c.; lb., $1.10.**

588 Large Red Wethersfield—Large and flat, does well on poor land; keeps well (see page 5 for description). **Oz., 15c.; ¼ lb., 40c.; lb., $1.50; 5 lbs., $7.00.**

590 Southport Large Red Globe—Our own growing. Fine shaped onion splendid quality (see page 5 for complete description). **Oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

572 Australian Brown—Early, medium-sized variety; hard and solid; amber-brown. **Oz., 10c.; ¼ lb., 30c.; lb., $1.00.**

568 Livingston's Brown Beauty—Best for sets (see page 4 for complete description and illustration). **Oz. 15c.; ¼ lb., 40c.; lb., $1.50.**



Indiana Silver-Skin.

Foreign Varieties of Onions

603 Earliest White Queen—One of the best for very early crop; fine; good keeper. **Oz., 10c.; ¼ lb., 35c.; lb., $1.15.**

608 Neapolitan Maggiajola—Fine, large, early white (Early May). A large flat, beautiful silver white-skinned variety; one of the earliest; fine flavor; especially a favorite in the South. **Oz., 10c.; ¼ lb., 35c.; lb., $1.25.**

604 Extra Early Barletta White—Best for pickles, small pure white, mild, delicious. **Oz., 10c.; ¼ lb., 35c.; lb., $1.15.**

605 Hard Round White Silver-Skin—For pickling only; small, round, handsome. **Oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

606 Mammoth Silver King—Enormous in size, silvery-white skin and flesh; mild. **Oz., 15c.; ¼ lb., 50c.; lb., $1.75.**

All sorts 5c. per packet, except where otherwise noted.

A Splendid Onion of the Prize-Taker Type, for the South

571 Gigantic Gibraltar

Grown alongside of Prizetaker, this excellent type is especially noticeable on account of its bluish green, glossy foliage which resists insect attacks to a remarkable extent, and withstands dry weather better than any other sort. Ripened bulbs greatly resemble Prizetakers in size and shape, but the skin is, perhaps, a trifle more of a straw yellow. It grows longer than Prizetaker and, on that account, in warm localities, the bulbs become larger in size than Prizetakers. Worthy of a careful trial. **Crop very short. Pkt., 10c.; oz., 20c.; ¼ lb., 75c.**

Onion Sets

(Prices subject to change.)

Red Bottom Onion Sets—Grown from seed. Weight per bushel, 32 lbs. **½ pk., 40c.; pk., 70c.; bu., $2.50.**

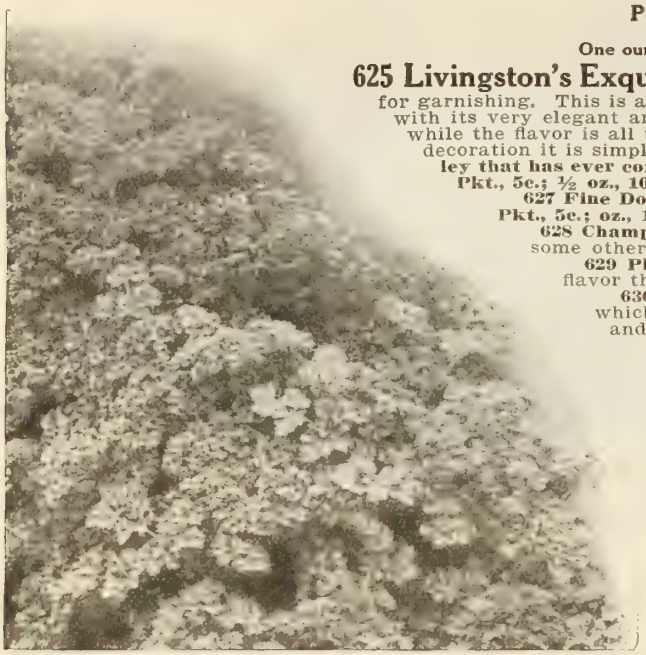
Yellow Bottom Onion Sets—Grown from Seed. Weight per bushel, 32 pounds. **½ pk., 40c.; pk., 70c.; bu., $2.50.**

White Bottom Onion Sets—Grown from seed. Weight per bushel, 32 pounds. **½ pk., 45c.; pk., 80c.; bu., $3.00.**

Top, or Button, Onion Sets—Weight per bushel, 28 pounds. **½ pk., 60c.; pk., $1.00; bu., $3.50.**

White Multiplier Onion Sets—Per measured bushel, **½ pk., 65c.; pk., $1.15; bu., $4.25.**

"Profitable Onions" is the title of our new onion booklet. It tells all about the old and new method of growing large onions from seeds, describes the finest strains of American onions procurable and shows how we produce them. Rich soil, ideal climate, constant selection and careful methods in seed production give our onion strains characteristics not found in the common article. Read "Profitable Onions" and learn some of "the reasons why." Free to all onion growers.



Perejil **Parsley** Petersilie

One ounce of seed will sow about 150 feet of drill

625 Livingston's Exquisite One of the main features in any variety of Parsley is the ornamental effect of its leaf when used for garnishing. This is a very strong point in our Livingston's Exquisite, with its very elegant and closely curled leaves of beautiful dark green, while the flavor is all that could be desired. As a pot plant for winter decoration it is simply "exquisite." **The finest strain of Curled Parsley that has ever come under our notice.** (See illustration alongside.) **Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

627 Fine Double Curled—Dwarf, beautifully curled; very fine variety. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

628 Champion Moss Curled—More densely crimped and curled than some other sorts. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

629 Plain—Much used for soups and stews; rather stronger in flavor than other varieties. **Oz., 5c.; ¼ lb., 10c.; lb., 30c.**

630 Hamburg, or Turnip-Rooted — A rooted variety, of which the fleshy roots resembling Parsnips are used in soups and stews. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

Chirivia **Parnips** Pastinake

One ounce of seed to 200 feet of drill. 5 or 6 pounds for an acre.

634 Large Sugar, or Hollow Crown (Improved Guernsey)—of intermediate length; white, smooth, sugary, excellent flavor, easily harvested. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.**

635 Long White Dutch

Roots are very long and smooth; one of the very best varieties for general use. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.**

Livingston's Selected Seed Peas

Chicaros o Guisantes **Erbsen**

IMPORTANT NOTICE—Owing to a succession of years of extremely short crops in seed peas, stocks have become very low. The crop of 1911 was not any better than that of the two preceding years. Prices are the lowest that can be made, quality considered. Beware of "cheap" seed peas this year. They are sure to disappoint.

Round Seeded Extra Early Sorts

640 Livingston's Prolific Early Market

First offered by us in 1901. None of the numerous Extra-Earlies compare with Livingston's Prolific Early Market in length of pod, number of peas in a pod, or number of pods to the vine. One of the sweetest and finest flavored; vines 30 inches. **Large pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.20; pk., $2.30; bu., $9.00.**

642 Livingston's First-in-Market Ripens uniformly, so that almost every pod may be gathered at one picking. The pods are handsome, straight and full of medium-sized peas of superior quality. Very prolific. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.15; pk., $2.20; bu., $8.50.**

644 Livingston's Select Ex. Early Alaska

The earliest of all blue Peas; height about 30 inches; very uniform in maturing the crop; of excellent quality. Strain especially fine. **Pkt., 10c.; qt., 35c.; ½ pk., $1.10; pk., $2.00; bu., $7.50.**

648 First and Best—Height 2½ feet. Hardy and productive. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.00; pk., $1.90; bu., $7.50.**

650 Improved Tom Thumb—Dwarf; can be planted very close; early; good quality. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.10; pk., $1.90; bu., $7.50.**

Extra Early Wrinkled Sorts

659 Little Marvel A grand new sort, fully described and illustrated on page 4. Every market-gardener should give this sort a trial.

658 Nott's Excelsior

In Earliness, Quality and Yield Unsurpassed.

This fine extra-early dwarf wrinkled Pea is very popular. Foliage dark green and rather heavy, suggesting health and vigor. On good soil grows about one foot high. Pods one-third larger than American Wonder and are all ready to pick at once; a great yielder. Pods more often square than round. (See illustration on page 25.) **Pkt., 10c.; pt., 25c.; qt., 40c.; ½ pk., $1.40; pk., $2.65; bu., $10.00.**

666 Sutton's Excelsior Similar in habit of growth to Nott's Excelsior, but a little taller (15 inches), and bearing larger, broader pods. The peas are large, tender and of superior quality. **Very prolific.** Crop almost a total failure. **Pkt., 10c.; pt., 25c.; qt., 40c.; ½ pk., $1.50; pk., $2.75.**

Prolific Early Market.

Alaska Peas.

Early Wrinkled Peas—Continued

655 Gradus or Prosperity

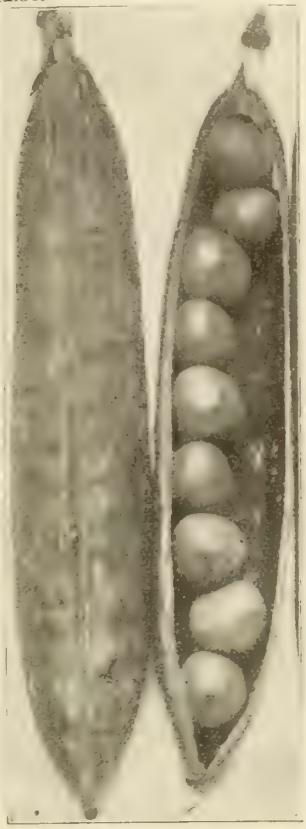
Without doubt the earliest large wrinkled Pea known. Exceedingly sweet, tender and luscious. (See illustration below.) This extra fine variety combines earliness with large size in a green wrinkled Pea. In earliness the Gradus follows closely after the first Earlies, being only two or three days later than Livingston's First-in-Market. In height, they grow about 2½ feet. The vine is very robust, and the foliage most vigorous, bearing the handsome, large pods profusely. The pods are nearly round, long and straight; fully as large as the Telephone, and are well filled with luscious sweet peas of superb quality. **Pkt., 10c.; pt., 25c.; qt., 45c.; 4 qts., $1.65; pk., $3.20; bu., $12.50.**

656 Thomas Laxton

(See illustration.)

The vine grows about three feet high, much like that of the Gradus, or Prosperity, but more hardy and greatly more productive. Pods large, long with square ends, similar to but larger, longer and handsomer than those of the Champion of England, and fully as uniformly well filled. The green peas are very large, fine colored and unsurpassed in splendid quality. **We are certain that this Pea needs only to be known to become one of the most popular sorts for he market-gardener.** One of the very best Early Peas produced. **Pkt., 10c.; pt., 25c.; qt., 45c.; 4 qts., $1.65; pk., $3.20; bu., $12.50.**

Thos. Laxton Peas.



Gradus Peas.

660 American Wonder

Dwarf wrinkled Pea, esteemed for its productiveness, flavor and quality. Strong and robust in habit, growing about 10 inches high, and produces a profusion of good sized pods, which are fairly packed with the finest flavored peas. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $2.20; bu., $8.50.**

668 Premium Gem

A very fine Extra-Early dwarf Pea of Little Green type, on which it is a decided improvement; pods are larger and produced more freely. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.10; pk., $2.10; bu., $8.00.**

670 Gregory's Surprise

Very heavy cropper; has that sweetness peculiar to the wrinkled sorts. Vines grow 24 inches in height and need no brushing if sown thin. Pods well filled, containing six or seven peas. **Pkt., 10c.; pt., 20c.; qt., 30c.; ½ pk., $1.10; pk., $2.10; bu., $8 00.**

Procure Our "Specialty Booklet"

The third of a series of booklets issued by us to help planters of "True Blue" Seeds. It describes all the most important vegetables introduced by us during our three-score years of doing business. With "true to nature" illustrations and honest descriptions, it gives you an accurate idea how we are helping by improving vegetable strains to increase the profits of "the man behind the hoe." A free copy is waiting **for you.** Ask for it on your order.

Second Early and Main Crop Peas

680 McLean's Advancer

The leading Pea for second-early, ripens about July 1st. Excellent flavor; very productive. Used extensively by market-gardeners on account of its great productiveness, the fine appearance of its pods and its exceedingly fine flavor. Grows about two feet in height. Has broad, long pods, which are abundantly produced and well filled to the end. Ripens shortly after Livingston's Prolific Early Market and so uniformly that the vines can be picked clean in two pickings. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.25; pk., $2.40; bu., $9.50.**

682 Improved Stratagem

A favorite with market-gardeners and for the kitchen garden. The vines are vigorous and covered with immense pods, many of which measure nearly 5½ inches in length and containing as high as 10 large, richly flavored, wrinkled peas; 20 pods to a vine. Grows to a height of 2 to 2½ feet. The quality is excellent. No pea of recent introduction has gained more rapidly in popularity than this. **Our stock has been carefully selected and is true. Pkt., 10c.; pt., 25c.; qt., 40c.; ½ pk., $1.55; pk., $2.80; bu., $11.00.**

684 Champion of England

An old variety, considered by many the best tall-growing sort; needs support always. Prolific bearer of large pods, well filled with large peas; quality is simply elegant. 5 feet high. **Pkt., 10c.; pt., 15c.; qt., 25c.; ½ pk., $1.00; pk., $1.85; bu., $7.00.**

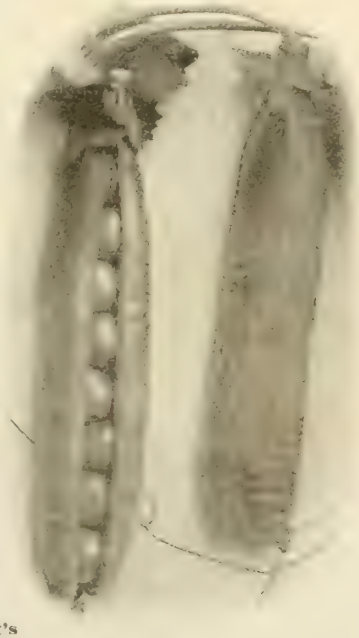
686 Horsford's Market Garden—A very fine second-early green wrinkled variety, especially for market-gardeners' purposes. Vines two feet high; exceedingly prolific; pods are of medium size, well filled with peas of finest flavor. **Pkt., 10c.; pt., 20c.; qt., 30c.; ½ pk., $1.00; pk., $1.90; bu., $7.50.**

688 Abundance—One of the very best and most satisfactory second-early Peas. It grows 15 to 18 inches high; pods large, containing six to eight wrinkled peas of the most excellent quality. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.00; pk., $1.95; bu., $7.75.**

690 Carter's Daisy—A very fine second-early dwarf Pea, with immense pods and peas. The stout plants are fairly loaded with large bright green pods. Each pod contains from 7 to 9 peas of bright green color, tender and of delicious flavor. **Pkt., 10c.; pt., 25c.; qt., 40c.; ½ pk., $1.40; pk., $2.65; bu., $10.00.**

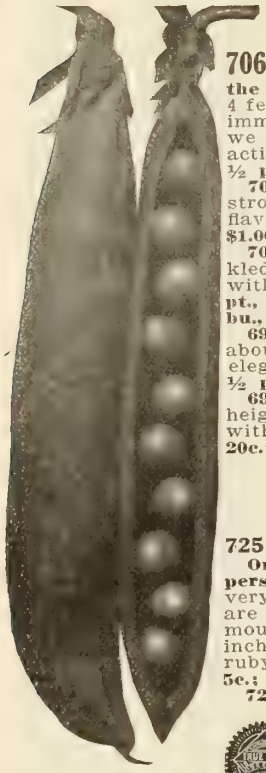
Be Careful Where You Buy Seed Peas This Year!

Owing to a succession of years of extremely short crops in seed peas, stocks have become very low. The crop of 1911 was not any better than that of the three preceding years and in some cases our contract deliveries fell as low as 10 per cent. We do not care to buy seeds in open market even at the risk of losing business. What we have is good. Prices given are the lowest that can be made, stocks considered. Order early.



Nott's Excelsior

Peas—(Concluded)



Telephone Peas.

706 Carter's Telephone **The favorite late variety for the market-gardener.** Vine large, height about 4 feet. The pods are very large and filled with immense peas. (See illustration.) The stock we offer will give satisfaction to the most exacting grower. **Pkt., 10c.; pt., 25c.; qt., 45c.; ½ pk., $1.60; pk., $3.10; bu., $12.00.**

707 Long Island Mammoth (Telegraph)—A strong grower, pods long, peas large, fine flavor. **Pkt., 10c.; pt., 20c.; qt., 35c.; 4 qts., $1.00; pk., $1.90; bu., $7.50.**

702 Alderman—A large podded, late, wrinkled variety 3½ to 5 inches long, well filled with large peas of excellent flavor. **Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.25; pk., $2.35; bu., $9.00.**

694 Bliss' Everbearing—Medium-early. Vine about 18 inches high; bears 6 to 10 pods, full of elegant peas. **Pkt., 10c.; pt., 20c.; qt., 30c.; ½ pk., $1.10; pk., $2.15; bu., $8.50.**

698 Pride of the Market—Vine of medium height, bearing a crop of dark green pods filled with large peas of good flavor. **Pkt., 10c.; pt., 20c.; qt., 30c.; ½ pk., $1.10; pk., $2.10; bu., $8.00.**

704 Heroine—A medium-early green wrinkled Pea; bears a profusion of large pods, containing 9 to 10 peas of fine quality. A great favorite for market purposes. **Pkt., 10c.; pt., 20c.; qt., 30c.; ½ pk., $1.00; pk., $1.90; bu., $7.50.**

710 Livingston's Prolific Giant-Podded Sugar

Excels all other Sugar Peas in size, productiveness and quality. Vines about 30 inches in height. **The pods are gigantic in size, broad, sweet and tender, extremely fleshy and equal best Snap Beans for cooking. Pkt., 10c.; pt., 20c.; qt., 35c.; ½ pk., $1.15; pk., $2.20; bu., $8.50.**

714 White Marrowfat—Pods large and well filled. Excellent for summer crop, but of inferior quality. **Pkt., 10c.; qt., 20c.; ½ pk., 65c.; pk., $1.25; bu., $4.50.**

716 Black-Eyed Marrowfat—Similar to White Marrowfat above; but seed has dark eye. **Pkt., 10c.; qt., 20c.; ½ pk., 65c.; pk., $1.25; bu., $4.50.**

Canada Field Peas—Good for fodder. Next to clover as a fertilizer. **Pk., 70c.; bu., $2.25.** Write for latest market prices and samples before ordering.

Pimiento **Peppers** Pfeffer

725 Livingston's Mammoth Ruby King

One of the largest and finest mild Red Peppers in cultivation. The plants are vigorous, very bushy, not over two feet in height. They are well branched and thickly set with enormous fruits—some 4 to 6 inches long by 3 to 4 inches thick. When ripe they are a beautiful ruby-red color, and are remarkably mild. **Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

727 Livingston's Ohio Crimson—(Introduced by us in 1906). Habit of growth robust and stocky. The fruit is fully as large as Chinese Giant, yet not so long as Ruby King. In weight Livingston's Ohio Crimson is much heavier than a Ruby King of same size. In flavor it is the mildest we have ever known. **Pkt., 10c.; ½ oz., 25c.; oz., 45c.; ¼ lb., $1.50.**

734 Large Bell, or Bull Nose—Early, large, mild flavor, bright-red. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

735 Sweet Mountain—The old standard sort. An old favorite, large variety; sweet and mild. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.**

729 New Sweet Upright

Fully twice as productive as any large sweet pepper. The fruits are about 3 inches long, 2½ to 3 inches across the stem end and about 2 inches at the blossom end. The average weight is from 6 to 8 ounces. The flesh is extremely thick, mild and sweet. **Pkt., 10c.; oz., 35c.; ¼ lb., $1.10; lb., $4.00.**

733 Livingston's Improved Thick Long Red—Great improvement over Long Red Cayenne. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.**

731 Chinese Giant—Mammoth in size; glossy flesh, mild flavored. **Pkt., 10c.; ½ oz., 25c.; oz., 40c.; ¼ lb., $1.25; lb., $4.50.**

737 Giant Golden King—A Yellow Ruby King. An exact counterpart except color. **Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

739 Long Red Cayenne—Long, slender, very hot. Small, long-shaped; beautiful bright-red. **Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

741 Red Chili (Small Cayenne)—Very productive, small, red, very hot. **Pkt., 5c.; oz., 20c.; ¼ lb., 70c.; lb., $2.25.**

726 Splendid Extremely Early Large Sweet Pepper—New Neapolitan

By far the earliest of all large, mild Red Peppers in cultivation. Fruits four inches long by 4½ inches in circumference will develop on plants in four months from sowing the seed—something no other sort of equal size will do. The earliest green fruits may be marketed end of June, when they command the highest prices.

Plants grow strongly erect and are completely laden with the handsome, upright fruits. Skin and flesh are bright red when ripe, thick and exceptionally mild. For market-gardeners there is no better extra early sweet pepper than Neapolitan. **Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Calabaza **Pumpkins** Speisekurbisse

All Pumpkins at 5c. per packet.

760 Livingston's Thanksgiving — Very thick, orange flesh, delicious pumpkin flavor. **Oz., 15c.; ¼ lb., 30c.**

770 Connecticut, or Common Yellow Field—Largely used for feeding stock. **Oz., 5c.; ¼ lb., 10c.; lb., 25c.**

764 Large Sweet Cheese—Large, round, flattened variety; productive; fine quality. **Oz., 5c.; ¼ lb., 10c.; lb., 35c.; 3 lbs., $1.00.**

766 Mammoth Po iron, or King of Mammoths—Sometimes grow to weigh 200 pounds. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

778 Tennessee Sweet Potato — Ball-shaped, medium thick, flesh fine-grained, sweet, delicious. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

902 Winter Luxury—Better known as **Livingston's Pie Squash.** One of the best for pies; a splendid winter keeper. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

768 Gray Boulogne—2½ to 3 feet across, half as thick; yellow, thick flesh, fine for stock. **Oz., 5c.; ¼ lb., 10c.; lb., 25c.**

774 Japanese Pie—Crooked necked, medium size, productive, good keeper, fine for pies. **Oz., 10c.; ¼ lb., 25c.; lb., 65c.**

776 Nantucket or Negro—An oblong, almost black sort; flesh rich orange. **Oz., 10c.; ¼ lb., 20c.; lb., 50c.**

762 Small Sweet, or Sugar—This is the pumpkin that has made New England famous for pies. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

Most popular Pepper in cultivation. Unexcelled for mangoes or for slicing

Livingston's Mammoth Ruby King Peppers. Large Pkt., 10c.

Rabanitos **The Best Radishes** Radieschen

Our Radish Seed is extra choice! We realize the importance of radishes as an early market crop and know the requirements necessary to make radishes ready sellers. Our strains enjoy an enviable reputation among extensive market growers for the evenness in size and shape of the finished product and its bright, attractive color. Radishes produced from Livingston's choice seed sell as fast as the land produces them. **One ounce of seed will plant 100 feet of drill; 8 to 10 pounds to an acre.**

Early Round and Olive-Shaped Sorts

790 Scarlet Globe This splendid globe Radish is the very finest early strain of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is bright scarlet; flesh pure white, crisp, tender and of delicious quality. Best for market-gardeners who want a large first-early forcing Radish. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.**

Non Plus Ultra or Fireball.

792 Rosy Gem One of the earliest; perfectly globular; rich deep brilliant scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; most delicious; desirable for market or home garden. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

800 Crimson Giant A variety combining earliness and great size. It grows much larger than other extra-early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson-carmine; turnip shaped; flesh firm, crisp and tender. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.**

794 Non Plus Ultra or Fireball. The earliest forcing radish in cultivation; a pretty little round Radish, deep red scarlet in color; tops very small; crisp, tender, white flesh; a little earlier than Scarlet Globe, but not so large. (See illustration.) **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

706 Early Snowball—One of the quickest growing, besides being one of the prettiest round varieties in the whole list; white as snow, smooth as glass, very crisp and extremely tender. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

Cincinnati Market.

798 Scarlet Turnip White Tip Handsome bright scarlet, with white tip; most attractive; quality splendid. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

799 Early Scarlet Turnip Forcing—Selected strain for forcing or early outdoor planting. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

804 Model White Box Short top, rapid growth; perfect turnip shape; extra fine quality, remaining solid and juicy long time. Recommended for growing under glass or in frames. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

806 French Breakfast Of quick growth; very mild and tender; of an oval form, scarlet tipped with white. One of the best for greenhouse or home garden. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

802 Early Scarlet Turnip—A very early, small, round Radish; entire Radish is a rich scarlet color. Has always been a great favorite with market-gardeners. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 40c.**

803 Early Deep-Scarlet Turnip—Round dark-red. Very quick grower finest quality. Its attractive shape makes it a ready seller. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

Early Long Varieties

814 Cincinnati Market This superb Radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there, more than twenty years. We introduced it to our trade in the spring of 1895. The tops are so small that the radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 inches in length. (See illustration.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. The finest long red Radish in existence; outsels all others. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

816 Early Long Scarlet Short-Top—Admirable for forcing; leading outdoor quick-growing variety, both for private and market gardens; the average length is 6 to 8 inches; grows about half out of the ground, straight, uniform; tops small; bright scarlet in color, brittle and crisp. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

818 Wood's Early Frame—Ten days earlier than the Early Long Scarlet Short-Top, which it resembles; excellent for forcing and for first sowing outside, being very hardy; half-long. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

822 Brightest Long Scarlet (Cardinal White-Tipped)—Resembles Early Scarlet Short-Top in shape and size— extra-early; bright scarlet. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

820 Half-Long Deep Scarlet—Color deep rich red. Shape, half-long, tapering. Flesh pure white, crisp, tender, brittle, not becoming pithy until long overgrown. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

826 Long White Icicle—Grows about 4 inches long; slightly stump-rooted and of transparent whiteness; short leaves, matures quickly; most excellent flavor; equally desirable for home or market gardeners. **Oz., 10c.; ¼ lb., 25c.; lb., 65c.**

New Summer Radish 854 White Delicious

Roots are of distinct half-long form, tapering to a point. They grow to good size, are of handsome appearance, and the pure white flesh is of elegant, mild flavor until the radishes become unfit for use. Compared with other white summer sorts, White Delicious averages thicker, is more solid and of milder flavor. It does not grow as quickly as White Vienna, but remains in good condition much longer. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

New Things listed for the first time this year in this Catalog are Beans, Burpee's New Kidney Wax and "Sure Crop" Stringless Wax, page 2. Copenhagen Market Cabbage, page 3. Gigantic Gibraltar Onion, page 23. Large Early Neapolitan Pepper, page 26. Long Season Spinach and Frost Resisting Munsterland Spinach, page 29. Bonny Best Tomato, page 30. We aim to try all new vegetable strains as they are brought out. If, after careful trials, often covering a number of years, we find that the "novelty" is worthy of being introduced to our customers, we list it. **You run no risk** by planting anything we offer! **We take no chances on** listing anything we don't know. We are all benefited by this careful policy.

Livingston's Pearl Radish.

White Vienna or Lady Finger.

Early Long Radishes—Continued

824 Livingston's Pearl

This variety might be called half-stump-rooted. It is of a most beautiful pearly white, of waxy appearance; very firm and solid. After it has reached its very best condition it remains eatable for fully two weeks before showing signs of going to seed or becoming woody. When properly grown in greenhouse or hotbed, this Radish has a smaller top than when grown in the open field. (See illustration.) **All things considered, we pronounce it the best general purpose white market Radish in existence; splendid for home garden. Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.**

Summer Radishes

836 Lady Finger, or Long White Vienna—Beautiful in shape; skin and flesh pure white, very crisp and brittle; a most rapid grower and long standing. (See illustration.) **Oz., 5c.; lb., 15c.; lb., 55c.**

840 Improved Chartier

(See illustration.) A distinct and exceedingly attractive sort; a clear rose colored long Radish, shading into pure waxy white at the tips. Attains very large size. Perhaps one of the best all-seasons Radishes for the open ground. Grows very fast; ready for use or market nearly as early as Early Long Scarlet Short Top; keeps crisp two months. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

846 Chartier Long White (Nonpareil)—Developed from the preceding and in all respects similar, only color is pure white. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

810 Early Golden Yellow Oval—Very attractive. A variety of fine quality. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.**

838 Giant White Stuttgart—Of large size; in shape like a top; flesh and skin white; fine quality; firm and brittle, never pithy; can be stored for winter use. **Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., 90c.**

842 White Strassburg—Handsome, oblong, tapering shape; both skin and flesh are pure white; firm, brittle, tender and possessing the most desirable character of retaining its crispness when roots are old and large. **Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., 85c.**

850 Golden Globe — Most perfect globe shape; golden colored skin; very thick grower, white flesh, tender, brittle; long standing. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.**

862 Gray Summer Turnip—Crisp, tender, brittle; choice variety. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

844 Large White Summer Turnip—A favorite with market-gardeners. Round, smooth; very white; crisp and tender. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

Rabanos **Winter Radishes** Rettige

Sown in summer and used in the fall, or put away same as you do Turnips for winter use.

858 California Mammoth White—Grown extensively in California; 8 to 12 inches long, 2 to 3 inches in diameter; white, solid and of good quality. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.**

860 White Chinese (New Celestial)—A large stump-rooted Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor, brittle and never woody. Market-gardeners will find this a splendid seller. **Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., $1.00.**

862 Chinese Rose Winter — A very handsome and distinct variety; color the brightest rose; crisp and tender; cylindrical in shape, very smooth; very desirable sort; keeps splendidly through autumn and winter. A very fine Radish. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

864 Long Black Spanish—Grows 5 to 8 inches long, 1 to 1½ inches through at top; skin black, flesh white and firm. One of the oldest but nevertheless one of the best winter sorts. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

868 Round Black Spanish—Like above except shape; **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

870 Long White Spanish—Differs from Long Black Spanish in color only. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

Special prices on large quantities of Radish Seed.

Ruibarbo **Rhubarb or Pie Plant** Rhabarber

Requires a deeply cultivated and thoroughly manured soil. Rhubarb can be cured for winter by cutting the stalks into small pieces; string them and expose to the sun until perfectly dry, after which hang them in a dry place until wanted.

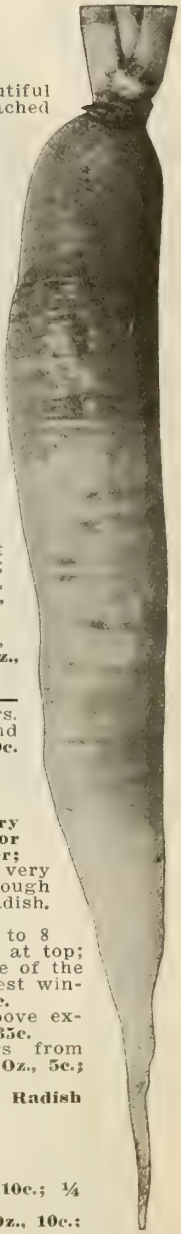
One ounce of seed gives 500 plants.

872 Victoria—In general use. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

873 Linnaeus—A very early sort. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

RHUBARB ROOTS.

Are offered on Page 33. Be sure to consult that page and notice exceptionally favorable prices we are able to make owning to a fine crop of roots harvested on our own farms.



Chartier or Shepherd

Salsify
or Oyster Plant

Salsifi **Haferwurze**

875 Mammoth Sandwich Island—This splendid variety will average nearly twice the size of the White French Salsify. Grows very uniform. Mild and delicious in flavor. A popular sort with all growers. **Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., $1.00.**

886 "Long Season" Spinach

Of flat spreading, but compact growth, this sort is especially noticeable for its short-stemmed, dark green leaves, which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sort on our list. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

879 Victoria—Very dark-green leaves, grows quickly; a very popular sort. **Lb., 30c.; 10 lbs., $2.50.**

880 Bloomsdale Savoy—Large wrinkled leaves; upright growth, fine quality. **Lb., 30c.; 10 lbs., $2.50.**

Improved Thick-Leaved Spinach

Espinaca # Spinach **Spinat**

881 Prickly-Seeded Winter—With arrow-shaped leaves, very hardy. **Lb., 25c.; 10 lbs., $2.00.**

878 Improved Thick Leaf, Viroflay—The market-gardeners' favorite for fall or spring sowing. **Lb., 30c.; 10 lbs., $2.50.**

882—Round-Leaved Summer—A standard variety; leaves large and crumpled, much liked. **Lb., 30c.; 10 lbs., $2.50.**

883 Long Standing—Does not run to seed as quickly as some sorts. **Lb., 30c.; 10 lbs., $2.50.**

884 Broad-Leaved Flanders—Very broad and large leaves. **Lb., 25c.; 10 lbs., $2.00.**

Each of the above 5 cents per ounce.

New Frost Resisting Spinach

885 Munsterland

An absolutely distinct sort, with deeply cut, arrow-shaped foliage. For use in northern latitudes where sorts with heavy, juicy foliage are injured by frost, we consider this sort a decided acquisition. Stands long time before seeding. Quality excellent. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

Calabaza # Squashes **Kuerbisse**

893 Early White Bush Scallop (Patty Pan)—Early Summer sort. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

892 Mammoth White Bush Scallop—Large strain of above; early. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.**

894 Mammoth Yellow Scallop (Golden Custard)—Best strain of Yellow Scalloped. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

895 Early Yellow Bush Scallop—Not as large, but earlier than preceding sort. **Oz., 5c.; ¼ lb., 20c.; lb., 50c.**

891 Early Golden Summer Crookneck—One of the best; bright-yellow, prolific. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

890 Giant Golden Summer Crookneck—Very large form of above; bears early. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

906 Hubbard—Choice stock. Standard winter Squash, finest quality. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

908 Chicago Warted Hubbard—Large size, dark-green, very warted, thick flesh, splendid quality. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

910 Golden, or Red Hubbard—Shell hard, warty; flesh deep golden yellow. **Oz., 15c.; ¼ lb., 30c.; lb., $1.00.**

902 Livingston's Pie—Fine for market. Rich, sweet flavor; perfect size, hardy. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

898 Fordhook—Finest quality, keeping till June. Flesh dry and sweet; productive. **Oz., 10c.; ¼ lb., 25c.; lb., 85c.**

896 Livingston's Improved Cushaw—Fine. Genuine Cushaw; distinct mottled-green. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

918 Mammoth Chili—Largest Squash grown. Rich orange flesh, profitable for stock **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

916 Essex Hybrid—Fine winter Squash; hard shell, rich orange flesh. **Oz., 10c.; ¼ lb., 20c.; lb., 60c.**

915 Boston Marrow—Early sort; thin skin, orange color, good size, keeps well. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

912 Gregory's Delicious—A superior Fall and Winter variety; dry, sweet, and rich. **Oz., 10c.; ¼ lb., 25c.; lb., 75c.**

914 Dunlap's Orange Prolific Marrow—One of the best; orange red; finest quality. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

920 Canada Winter Crookneck—Fine keeping standard winter variety. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

Each of the above Squashes 5 cents per packet.

Nabos # Turnips **Rueben**

1044 Early Snowball—Very fine early, ball shaped, white flesh and skin, tender sweet. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

1048 Extra Early White Milan—Earliest of the flat turnips; pure white skin and flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

1046 Extra-Early Purple-Top Milan—Similar to the above; beautiful purple top, white flesh. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

1042 Purple-Top Strap Leaf—The standard flat variety; good for early or late planting. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

1040 Purple-Top White Globe—A very valuable sort; handsome and productive. **Oz., 5c.; ¼ lb., 15c.; lb., 40c**

1052 Early White Flat Dutch—Popular, white, flat sort. Of good size and quality. **Oz., 5c.; ¼ lb., 15c.; lb., 30c.**

1054 Early White Egg—Very Early. Flesh white, firm, fine grained, mild and sweet. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

1056 Yellow, or Amber Globe—Flesh firm and sweet; large size; excellent variety. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

1062 Seven Top—Cultivated extensively in the South for tops, which are used as greens. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

1060 Long White, or Cow Horn—Flesh white, fine grained and sweet, fine quality. **Oz., 5c.; ¼ lb., 15c.; lb., 50c.**

1050 Large White Globe—A fine, pure white, firm, finest quality turnip; productive. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

1058 Golden Ball, or Orange Jelly—Flesh golden yellow, sweet, early, globe shaped. **Oz., 5c.; ¼ lb., 15c.; lb., 45c.**

Ruta-Bagas
(Swedish or Russian Turnips.)

1068 Improved American (Purple-Top)—Flesh yellow, solid, sweet, and fine flavored. **Oz., 5c.; ¼ lb., 15c.; lb., 30c.**

1070 White Russian, or Large White—Very large; flesh firm, white, solid; good keeper. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.**

1072 Sweet German—Flesh pure white; solid, sweet, and mild-flavored; market sort. **Oz., 5c.; ¼ lb., 15c.; lb., 30c.**

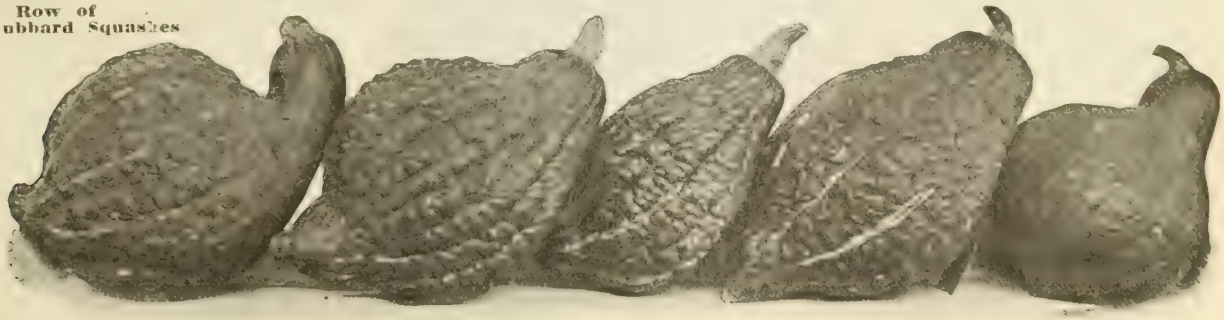
Tobacco Seed
Choicest strains from careful growers.

1090 Connecticut Seed Leaf. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.

1092 Big Havana. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.

1094 Improved White Burley. Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., $3.00.

A Row of Hubbard Squashes



Chalk's Early Jewel

Livingston's Famous Tomatoes

If you do not buy any other kind of seed from us, you must have Livingston's Tomato Seeds for best results in this line. Our strains of Tomatoes are the most thoroughbred in the world! Sixty years of untiring efforts have made them so. Read "Tomato Facts," the free booklet offered on second cover of this catalog. Consult also page 6, where Livingston's Famous **Globe-Shaped Tomatoes** are described and illustrated.

961 Livingston's Beauty

(See illustration on opposite page.)

Although introduced by us twenty-four years ago, this is still the greatest of all purple-colored market Tomatoes. The plants make a strong growth, are hardy and bear plentifully. The fruit is produced in clusters of four to six, is large, of perfect shape, and retains its size until late in the season. Livingston's Beauty ripens early, has firm flesh of excellent quality, and the seed cells are very small. For shipping and early market it cannot be excelled. May be picked quite green, will ripen up nicely, look well and keep in perfect condition for a week after becoming fully ripe. **Oz., 20c.; ¼ lb., 50c.; lb., $1.75.**

Packets of all the Tomatoes in two sizes at 5c. and 10c. per pkt.

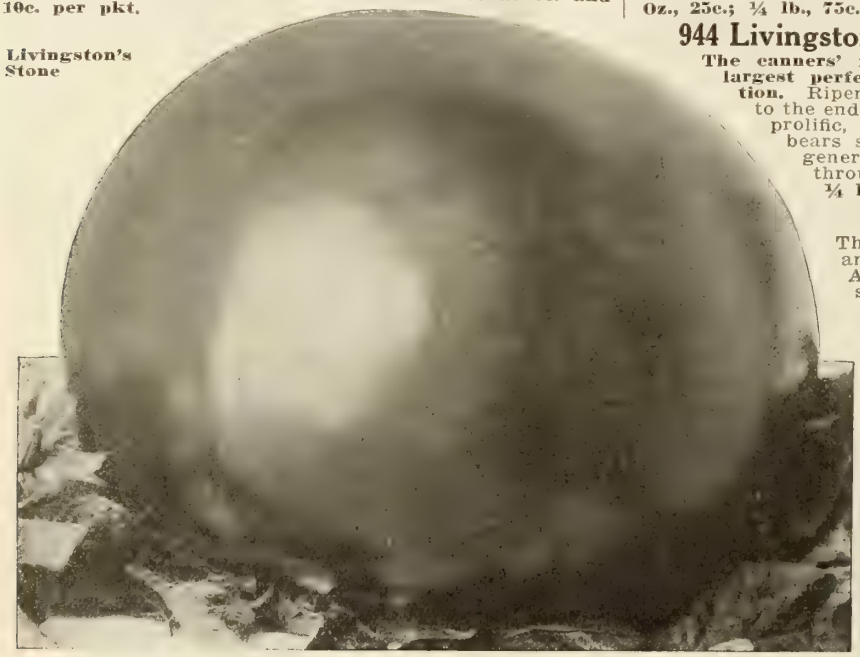
The Greatest Canning Tomato in the World

936 Livingston's Stone

(Introduced by us in 1889.) The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety in existence.

The most highly complimented Tomato we have sent out. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. We alone supply enough seed to the leading Tomato growers **every year** to produce **80 million plants**, and large quantities of Stone Tomato seeds are sold by others, but—**seed of Livingston's Stone**, as evolved by us, **can only be bought from LIVINGSTON'S.** Here, at its birthplace, we know exactly what characteristics should be bred into the fruit. With us it is at the zenith of its perfection. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Livingston's Stone



944 Livingston's Favorite

(Introduced by us in 1883.)

The canners' favorite, and one of the best and largest perfect-shaped red tomatoes in cultivation. Ripens evenly and early, holding its size to the end of the season; free from cracks, very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. Hase been generally grown for the canners' trade throughout the United States. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

964 Livingston's Magnus

The form is perfect, uniform, large and attractive. The flesh is very firm. A robust grower, with short joints, setting its clusters closer together than most varieties and, it therefore follows, a very heavy cropper. The fruits are usually very deep from stem to blossom end, some of them being almost globe-shaped. Ripens evenly, does not crack about the stem, and the flavor is all that can be desired. Unequalled for staking-up in the open field, as well as for forcing in greenhouses. **Oz., 25c.; ¼ lb., 80c.; lb., $2.75.**

994 "Bonny Best"

Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth and of remarkably uniform size and shape. An elegant sort for market and shipping on account of its even size. Well adapted for forcing under glass. **Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., $2.25.**

Spark's Earliana

938 Livingston's Paragon (Introduced by us in 1870.) Our first introduction, and we have kept it up to its excellent original standard. It is a large sized tomato, keeping its size late. Flesh solid, well colored, fine flavored. Color of skin glossy deep-red. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

962 Livingston's Acme (Introduced by us in 1875.) **Fine for early market use.** Plants are very productive, the fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth, color a glossy red with purplish tinge. **Oz., 20c.; ¼ lb., 50c.; lb., $1.75.**

940 Livingston's Perfection (Introduced by us in 1880.) A large, invariably smooth, bright red sort of excellent quality. It ripens about ten days before Livingston's Stone, keeps its good size to the end of the season. **Oz., 20c.; ¼ lb., 50c.; lb., $1.75.**

942 Livingston's Dwarf Stone (Introduced by us in 1902.) The shape of the fruit is perfect. It is very solid, ripens evenly, and is of the most splendid quality. The fruit resembles Livingston's Stone in its bright red color and shape. Very productive. **Oz., 25c.; ¼ lb., 75c.; lb., $2.75.**

968 Livingston's Improved Dwarf Champion Produces its fruit in clusters of from three to five and bears continually. The fruit is of a glossy purple, invariably smooth and of good size. Flesh firm and solid. Quality the best. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

946 Livingston's Dwarf Aristocrat (Introduced by us in 1893.) Has a beautiful, rich, glossy red fruit. The size, solidity, productiveness, smoothness, flavor of its fruit and its other splendid qualities are remarkable. **Very desirable for forcing. Oz., 20c.; ¼ lb., 70c.; lb., $2.25.**

948 Livingston's Honor Bright (Introduced by us in 1897.) The distinctive feature of this sort are its solidity, long-keeping qualities after being picked, and the remarkable change of color the fruit undergoes during growth and ripening. A rich red. **Oz., 20c.; ¼ lb., 70c.; lb., $2.25.**

966 Livingston's Buckeye State (Introduced by us in 1893.) Extra large fruits are borne in clusters of three to six. Buckeye State is at all times of the largest size and has a smooth skin of dark purple color. The fruit is very meaty, solid; flesh of most excellent quality. **Oz., 35c.; ¼ lb., 95c.; lb., $3.50.**

950 Livingston's Royal Red (Introduced by us in 1892.) A first class main crop variety. A beautiful red; very handsome. Desirable for canning and catsup making. **Oz., 25c.; ¼ lb., 75c.; lb., $2.75.**

991 Spark's Earliana (See illustration above.) **The earliest smooth, bright red Tomato.** Fruits uniform in size, of regular form, averaging 3 inches in diameter and from 2 to 2½ inches in depth; they are fleshy, solid, and excellent for shipping purposes. **Pkt., 5c.; oz., 20c.; ¼ lb., 70c.; lb., $2.25.**

992 Early Hustler (Perfected Earliana.) The principal objection to Earliana has been its rough skin. Particularly around the stem end, Earliana as first sent out, was far from perfect. Early Hustler is perfectly smooth all over and when we state that in favorable seasons it is prov a few days earlier than the common strain of Earliana, our customers will be anxious to try this splendid new earliest, smoothest bright red market tomato. **Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.75.**

Packets of above Livingston's Tomatoes in 2 sizes, at 5c. and 10c.

Other Good Standard Tomatoes

1003 Comet Tomato Unsurpassed for forcing under glass. Fruits solid, round and smooth, of good size, and rich scarlet color, heavy cropper, good flavor. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

1011 Truckers' Favorite—Large, solid, purple-fruited sort. **Oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

1001 Atlantic Prize—Strong grower; bright-red; smooth, and solid; fine market sort. **Oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

980 Livingston's Golden Queen—Beautiful sliced with red varieties; large, fine. **½ oz., 15c.; oz., 25c.; ¼ lb., 70c.; lb., $2.25.**

1007 Ponderosa—Enormous in size; very solid; glowing-crimson; fine flavor. **Oz., 35c.; ¼ lb., 95c.; lb., $3.50.**

999 Magnificent—Large, productive; smooth, scarlet fruits of desirable quality. **Oz., 20c.; ¼ lb., 50c.; lb., $1.75.**

995 Matchless—Cardinal-red, large, solid, smooth and handsome; fine keeper. Oz., 25c.; ¼ lb., 70c.; lb., $2.25.

993 Chalk's Early Jewel—Large, smooth, extra early; fine; very productive. **Oz., 25c.; ¼ lb., 70c.; lb., $2.25.**

1005 June Pink—Similar in habit to Earliana and just as early; pink color. **Oz., 25c.; ¼ lb., 70c.; lb., $2.25.**

Trophy—One of the oldest sorts, and still a good one; bright red. **Oz., 20c.; ¼ lb., 60c.; lb., $2.00.**

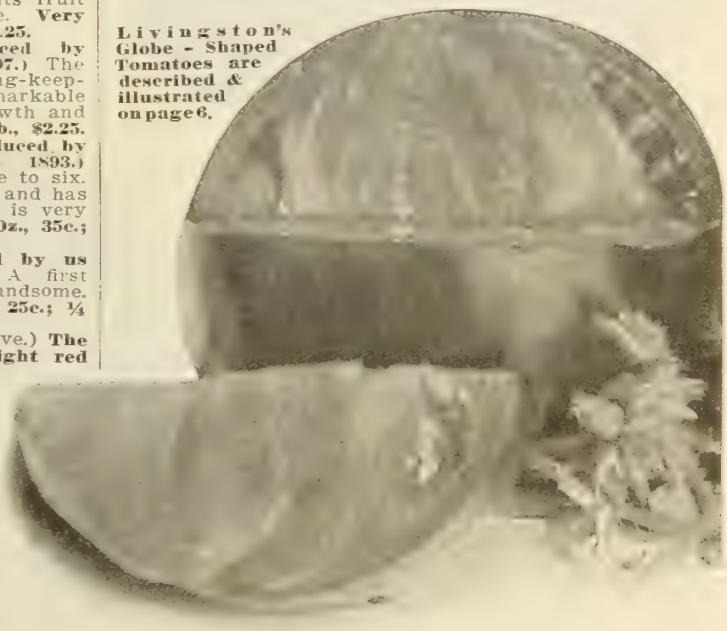
Enormous—Large, smooth, of fine quality and with few seeds. **Oz., 30c.; ¼ lb., 90c.; lb., $3.25.**

Duke of York—Extra large, purple; very popular in the South. **Oz., 35c.; ¼ lb., 95c.; lb., $3.50.**

Success—A good, bright red, solid and productive variety. **Oz., 25c.; ¼ lb., 75c.; lb., $2.50.**

Packets of the above Tomatoes at 5c.

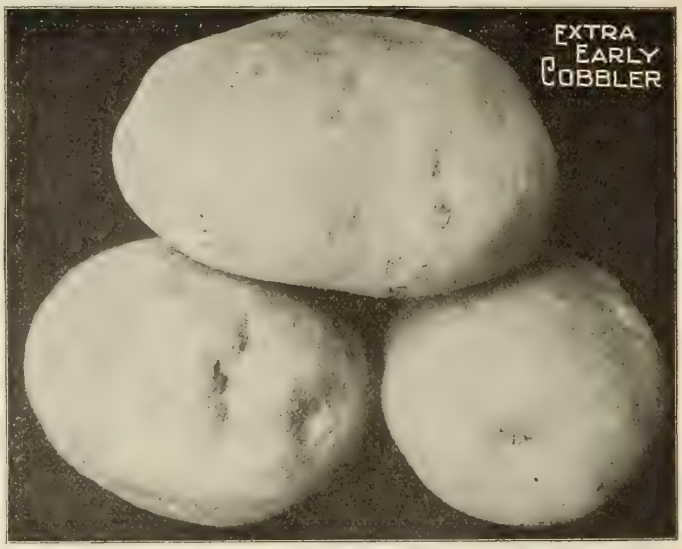
Livingston's Globe - Shaped Tomatoes are described & illustrated on page 6.



Livingston's Beauty.

Livingston's Selected Seed Potatoes

The necessity for changing seed often is universally admitted by all well-posted growers, especially when the best seed can be had at so little additional outlay, but owing to the short crop of seed potatoes and the unsettled condition of the market, all prices are made subject to market change and confirmation of order on receipt of same.



Extra-Early Cobbler — Irish Cobbler

One of the most reliable first-early potatoes ever sent out. It ripens almost with the Early Ohio, and is so uniform that every hill seems to ripen all at one time. The yield is very large for an early variety—equal to some of the late ones. Form oval and round, skin slightly netted, creamy white, and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of finest quality—not excelled by any variety. Keeps perfectly until spring. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance has brought it right to the front as a profitable variety for market or for home use. **Pk., 70c.; bu., $2.25; barrel, $6.00.**

"The Livingston" Potato

Introduced by us in 1896

Good Yielder, Cooker, and Keeper

"The Livingston" Potato is a very strong grower, and most productive. The plants grow with large stems, vigorous, upright, and not subject to blight. Tubers of beautiful form, medium to large size, oblong, and of uniform thickness. Slightly flattened. The fine peach-blow eyes are small and shallow; skin white and slightly russetted; all denoting highest quality. Cooks dry and has splendid flavor. Bulletin No. 133, Ohio Experiment Station, gives "The Livingston" Potato as one of the heaviest yielders, and recommends it to be of special merit for either the market or for home use, on a basis of five years' test. **Pk., 60c.; bu., $2.00; barrel, $5.30.**

Livingston's Banner, ½ average natural size

"The Seneca Beauty" Potato

Introduced by us in 1889

Very Smooth, Uniform Size, Blight Proof, Most Productive, Splendid Quality, Fine Keeper

A grand, good, **medium-late** potato, and too much has not been said in its praise. Its beautiful and distinct appearance sells it in any market, and its fine table qualities please all. The tubers are large and smooth, with few eyes close to the surface, and of a beautiful pink color. Uniform in size and shape, scarcely any small ones. Vines rank and healthy, and loaded with beautiful blossoms. Good keeper; heavy cropper. **Pk., 50c.; bu., $1.75; barrel, $4.60.**

Seed Sweet Potatoes

We wish it distinctly understood that customers take all risks after we deliver in good condition to Express or Railroad Company here. We book orders any time, but do not ship until about planting time. Our barrels contain three bushels, good measure.

Yellow Jersey **Select "Up-River" Strain.** A select strain of smooth, short, "chunky," Yellow Jersey. Yield 25 to 50 per cent. more marketable stock and sells higher than any other. Dry and sweet; decidedly the best of all. **Pk., 50c.; bu., $1.60; barrel, $4.00.**

Extra-Early Ohio Potato

It is two weeks ahead of the Early Rose, coming into market when prices are highest. The s routs are very strong, grow erect and are easy to cultivate. Extra-Early Ohio can be planted almost a half closer than most other kinds on account of the upright growing tops. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes, which are even with the surface. They keep firm until late in the spring. This is our specialty in standard early varieties; and we have for years taken great pains to keep the stock pure and up to its original standard. We have a fine stock grown **especially for seed for us in the Red River Valley. Pk., 60c.; bu., $2.00; barrel, $5.30.**

Livingston's Banner Potato **Introduced by us in 1891.** The Banner is one of the finest Main Crop White Potatoes on the market. None surpass it in **Uniform Handsome Appearance.** Its slightly russety skin is of a light creamy white color. Shape is oblong, slightly flattened. The eyes are very shallow. The size is large and desirable. Always smooth and regular in form. **A great drouth resister.** As near blight and scab proof as any. The flesh is very white, and whether boiled or baked has the same fine table qualities. **Pk., 50c.; bu., $1.75; barrel, $4.60.**

New White Victor A first-class main crop variety of great productiveness, which will out-yield under exactly the same conditions a number of the old standard sorts. Tubers are creamy-white, well netted or russetted, of oblong shape. They have few and shallow eyes and are excellent keepers. Plants make a strong, vigorous bush and produce the crop in compact bunches around base of stalk in midseason. They seldom show flowers. Tubers are of best cooking qualities. **Pk., 60c.; ½ bu., $1.10.**

New White Victor

Vegetable Plants

The prices of the plants on this page do not include pre-payment of the express charges. They are sent by express at purchaser's expense, except where quoted by mail, postpaid.

Artichoke Roots

The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and healthful hog food, and the hogs do the harvesting. **Tubers—4 ozs., 10c.; lb., 30c.; 3 lbs., 75c., postpaid. By express or freight pk., 60c.; ½ bu., $1.00; bu. (50 lbs), $1.75; bbl. of 3 bus., $4.50.** 3 to 5 bushels of tubers for an acre.

Asparagus Roots

Plantas o raices de Esparragos **Spargelwurzeln**

We have for many years been making a great specialty of Asparagus roots at our True Blue Seed Farms. Our splendid soil, together with the finest strains of seed obtainable of the various standard varieties, places us in a position to produce enormous quantities of Asparagus Roots of the very best quality. You will find listed below the most approved sorts in cultivation. Kindly note our especially favorable prices:

500 Asparagus Roots at 1,000 rates. Special prices quoted by letter on larger quantities.

	One-year-old Roots		Two-year-old Roots	
	100	1000	100	1000
Carolina Queen	$ .75	$6.50	$1.00	$8.00
Conover's Colossal	.40	3.00	.50	4.00
Columbian Mammoth White	.50	3.75	.60	4.75
Early Argenteuil	.50	3.50	.60	4.50
Palmetto	.40	3.00	.50	4.00

50 at the 100 rate, 500 at the 1000 rate. Special prices quoted on larger quantities.

Horse Radish Sets

Splendid New Horse Radish—Nuremberg

From Bavaria comes a new variety of Horse Radish which has a great many points of superiority. By selection and most careful cultivation only, the Nuremberg Horse Radish has reached a point where individual roots 18 inches long by 2½ to 3 inches at the thickest part are produced from the growth of one year. In fact, its shape is like a parsnip. The quality is splendid; crisp, and of very fine flavor. The color is a beautiful pearl white.

Roots ready for planting—By mail, postpaid, 6 for 15c.; doz., 25c.; 50 for 75c.; 100 for $1.00. By express, 500 for $4.00; 1000 for $7.50.

Common Horse Radish

Roots ready for planting—By mail, postpaid, each, 5c.; doz., 25c.; 50 for 60c.; 100 for 90c. By express, not paid, 100 for 75c.; 300 for $1.80; 500 for $2.50; 1000 for $4.50. Prices on larger lots on application.

Rhubarb Roots

We offer strong seedling roots, which are much more easily transplanted, do better, and the transportation charges are less than with old clumps. **Never have we had a better lot of roots, or had them in greater quantities. Should you need a large quantity of roots, write us, please, before placing your order elsewhere.**

By mail, postpaid, each, 20c.; 2 for 30c.; 4 for 50c.. By express, not paid, each 10c.; 10 for 65c.; 50 for $2.50; 100 for $4.00; 1000 for $30.00.

2-year-old Roots, each, 20c.; 10 for $1.50; 100 for $12.00. Prices on application for larger lots.

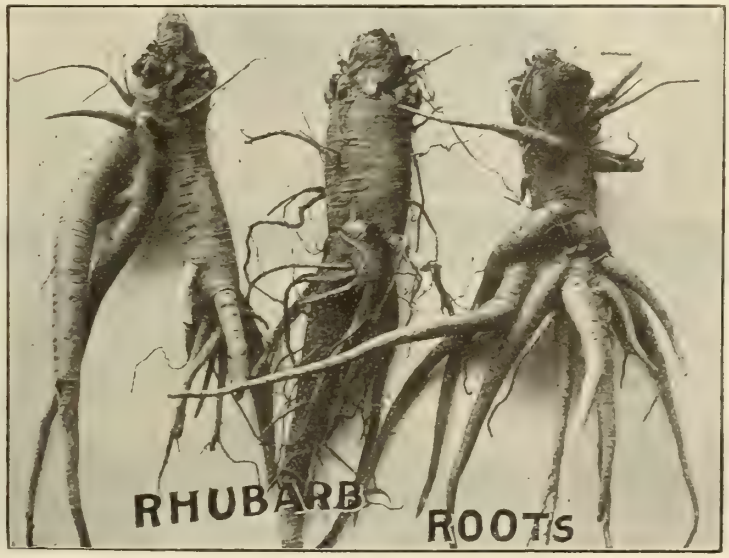
Garlic Sets

Garlic Sets or bulbs are planted in early spring in rows 12 inches apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as Multiplier Onions. Garlic is used for flavoring purposes.

Bulbs, postpaid, oz., 5c.; ¼ lb., 15c.; lb., 50c.

Get a Free Copy of Our New Specialty Booklet.

Describes and illustrates all the most important vegetable specialties introduced by us during half a century of business life. It may contain some valuable pointers **for you.** Send for a copy. Read second cover page and learn all about other booklets—"Tomato Facts" and "Profitable Onions"—issued by us for the special benefit of market gardeners.



Facts About the Livingston Business

We started on a farm. Early in life we realized the importance of good seeds. We are extensive seed and plant growers. Sixty years' experience to produce the Best come now to your aid when you buy from us. We originated and introduced 25 of the best varieties of Tomatoes. The finest strains of Ohio-grown Onions are raised by us. Some of the best Musk Melons in cultivation originated with us. Rather than to become "novelty specialists" we boost sorts of proven merit. As the result, since 1876 our business has been growing continually with but little advertising. Our customers advertise for us; they are satisfied that "True Blue" products are the Best.

Livingston's "True Blue" Flower Seeds for Florists

We have spared no pains in securing the very best Flower Seeds known to the trade. Varieties not mentioned here will be found in Our Annual Descriptive Catalogue, and from packet prices therein, we allow Florists a discount of 33 1-3 per cent.

Livingston's Choice Asters

1490 Livingston's Superb Mixture of Giant Asters—This mixture includes the cream of not only this list, but also contains every good sort from our complete collection, which you will find in full in our Seed Annual. Our most elegant mixture in Asters. (See illustration.) Height, about 2 feet. **Retail pkt., 10c.; trade pkt., 20c.; ¼ oz., 60c.; ½ oz., $1.00; oz., $1.75.**

1380 Violet King Aster—An exquisite violet lilac color, very large, free flowering (see No. 4 illustration). Splendid for florists (see page 83 of our Seed Annual for full description). **Retail pkt., 10c.; trade pkt., 30c.; ½ oz., $1.00.**

1381 Vick's Mikado Pink—The premier of shell-pink Asters; belongs to the Comet class and produces magnificent flowers, 5 inches across, on long stems in greatest profusion. **1-64 oz., 20c.; 1-32 oz., 35c.; 1-16 oz., 50c.; ¼ oz., $1.50; ½ oz., $2.75.**

1383 Vick's Mikado White—Same as above, except in color. Prices same as for Mikado Pink.

Semple's Giant Branching, 2 to 2½ ft.

(See illustration below.)	Retail Pkt.	Trade Pkt.	Per Oz.
1403 Giant, white....	$0.10	$0.25	$1.00
1404 Giant, crimson..	.10	.25	1.00
1401 Giant, lavender.	.10	.25	1.00
1402 Giant, royal pur.	.10	.25	1.00
1405 Giant, shell pink	.10	.25	1.00
1400 Giant, mixed....	.10	.25	1.00

Improved Victoria Asters, 1½ to 2 ft.

1451 Crimson	.10	.30	1.50
1453 Pure white	.10	.30	1.50
1452 Scarlet	.10	.30	1.50
1454 Light blue	.10	.30	1.50
1455 Dark blue	.10	.30	1.50
1450 Finest mixed ...	.10	.25	1.25

Specimen Flowers from Livingston's Superb Mixture of Giant Asters.

Vick's Early Branching Asters

A superb extra early florists' Aster (see illustration No. 1 above). **1411 Pink,** and **1410 White, and 1412 Mixed. Pkt., 10c.; trade pkt., 30c.; ½ oz., 75c.**

	Retail Pkt.	Trade Pkt.	Per Oz.
1384 Daybreak, soft pink, 2 ft.	$0.10	$0.30	....
1386 Purity, pure white. 2 ft	.10	.30	....

Giant Comet Asters, 2 feet

1430 Crimson	.10	.25	$1.25
1429 Snow white	.10	.25	1.25
1431 Light blue	.10	.25	1.25
1433 Dark blue	.10	.25	1.25
1432 Pink	.10	.25	1.25
1434 The Bride, white to rose	.10	.25	1.25
1428 Mixed	.10	.25	1.25

Giant Ostrich Plume, 2 feet

1420 Azure blue.....	.10	.25	1.00
1417 Snow white.....	.10	.25	1.00
1421 Lavender	.10	.25	1.00
1418 Rose pink.....	.10	.25	1.00
1423 Crimson	.10	.25	1.00
1422 Dark blue.....	.10	.25	1.00
1416 Mixed	.10	.25	1.00

Truffaut's Paeony-Flowered Perfection, 2 feet

1395 Dark blue.....	.10	.30	1.25
1396 Brilliant scarlet..	.10	.30	1.25
1391 Snow white.....	.10	.30	1.25
1394 Sky blue.....	.10	.30	1.25
1393 Rich crimson	.10	.30	1.25
1392 Brilliant rose ...	.10	.30	1.25
1390 Finest mixed	.10	.25	1.00

Extra Early Queen of Market, 1-1½ ft.

1444 Pure white	.05	.15	.75
1441 Scarlet	.05	.15	.75
1445 Dark blue	.05	.15	.75
1446 Light Blue	.05	.15	.75
1443 Crimson	.05	.15	.75
1442 Pink	.05	.15	.75
1440 Mixed	.05	.15	.50

	Retail Pkt.	Trade Pkt.	Per Oz.
1302 Abutilon, mixed	$0.10	$0.30	$2.00
1310 Adlumia, cirrhosa, hardy, climber	.05	.25	.75
Ageratum—			
1312 Blue Perfection, dwarf	.10	.15	.50
1319 Imperial Dwarf, white	.05	.10	.25
1318 Imperial Dwarf, blue	.05	.10	.25
1320 Mexicanum, lavender blue	.05	.10	.20
Alyssum—			
1325 Maritimum (Sweet Alyssum)	.05	.10	.15
1327 Little Gem, white, very dwarf	.05	.10	.30
1329 Saxatile compactum, hardy, spring blooming	.05	.10	.40
1336 Ampelopsis Veitchii—Boston or Japanese Ivy	.05	.....	.15
Antirrhinum, Snap Dragons—			
1348 Tall mixed	.05	.10	.30
1342 Giant Scarlet, 1340 Giant White, 1343 Giant Yellow, 1341 Giant Rose	.10	.25	.....
1346 Finest Giant Sorts, mixed	.10	.20	.60
Aquilegia or Columbine—			
1360 Double finest mixed colors	.05	.....	.15
1362 Single mixed	.05	.....	.15
1354 Long spurred single hybrids	.10	.20	.....
Asparagus—			
1372 Plumosus nanus, 75c. per 100 seeds; 1000 seeds, $4.50	.15	.....	.....
1374 Sprengeri, trailing, 25c. per 100 seeds; 1000 seeds, $1.00	.10	.....	.....
Balsam—			
1500 Livingston's Premium Mixed	.10	.15	1.00
1502 Camellia Flowered, white	.05	.15	.60
Begonia, choicest strains obtainable—			
1521 Tuberous, single, mixed, large flg.	.25	.50	.....
1520 Tuberous, double, mixed, large flg.	.25	.50	.....
1522 Rex, mixed varieties, 500 seeds, 50c.	.25	.....	.....
1524 Vernon, fine bedding and pot plants	.10	.25	2.50
Bellis Perennis, double Daisies—			
1712 Giant mixed	.10	.25	1.75
1710 Longfellow, double Giant Rose	.10	.25	2.00
1711 Giant Snowball, white	.10	.25	2.00
Calceolaria Hybrida Grandiflora—			
1528 Choicest large flowering, spotted and mottled, mixed	.25	.75	.....
1529 Calendula, double mixed	.05	.....	.10
Calliopsis—			
1532 Golden Wave. Drummondi	.05	.10	.15
1540 Perennial Coreopsis Lanceolata	.10	.15	.30
Campanula (Canterbury Bells)—			
1564 Single mixed	.05	.10	.15
1563 Double mixed	.05	.15	.50
1566 Pyramidalis, mixed—Hardy Canterbury Bells	.10	.25	.....
Candytuft—			
1550 Empress, White Hyacinth Flowered	.10	.....	.20
1551 White Rocket, long spikes of white flowers	.05	.....	.10
1554 Mixed Annual sorts	.05	.....	.10
1546 Large flow. Dwarf Hybrid, white	.10	.25	.75
1545 Large flow. Dwarf Hybrid, mixed	.10	.25	.60
Canna—1577 Madam Crozy	.10	.....	.15
1574 Crimson Bedder	.10	.....	.15
1580 Large flowering, mixed varieties	.05	.....	.10
Carnation—			
1592 Fine double mixed	.10	.25	1.50
1590 Chabaud New Giant Perpetual	.10	.25	1.75
1586 Giant Margaret, double mixed	.10	.25	2.50
1587 Giant Margaret, double, white	.10	.25	1.75
Celosia—			
1609 Glasgow Prize (Comb variety)	.10	.25	1.00
1600 Thompsoni Magnificia, Ostrich Plume Celosia	.10	.20	.50
Centaurea—			
1621 Imperialis Giant White	.05	.15	.40
1623 Giant Suaveolens, yellow	.05	.15	.25
1620 Giant Imperialis, mixed	.05	.15	.35
1617 Cyanus, Emperor William, blue	.05	.....	.15
1616 Bachelor's Button, mixed	.05	.....	.10
1629 Candidissima, white leaves, 1 ft.	.10	.25	.75
1628 Gymnocarpa, white leaves, 1½ ft.	.05	.15	.35
Cineraria, grandiflora—			
1649 Large flowering. Prize varieties	.25	1.00	.....
1651 Dwarf Prize Mixture	.25	1.00	.....
1650 Maritima, Dusty Miller	.05	.10	.30
1658 Cobaea scandens, blue, beautiful tender climber	.05	.15	.30
Coleus—			
1663 Fine Mixed Hybrids	.10	.25	.....
1662 Extra Fine Mixed Hybrids	.15	.75	.....
1664 Large Leaved "Fringed" Coleus	.20	.75	.....
Cosmos—			
1669 Dwarf Early Flowering, mixed	.05	.10	.30
Mammoth Perfection, 1674 light pink, **1673** pure white, **1675 crimson**	.05	.10	.25
1672 Mammoth Perf., mixed colors	.05	.10	.20
1668 Dwarf Early Dawn	.05	.10	.35
1680 Lady Lenox, new, enormous, pink	.10	.15	.....
Cyclamen 1684 Persicum, finest mixed	.10	.40	2.00
1683 Cyclamen Giganteum, mixed	.25	.50	5.00
1689 Cypress Vine, mixed colors	.05	.....	.15
Daisy 2433, New Shasta	.10	.25	1.50
Dahlia—			
1692 Giant Perfection, single mixed	.10	.25	.....
1698 Large flg., choicest, dbl. mixed	.10	.25	1.00
1702 Cactus, choicest mixed	.10	.35	3.00

	Retail Pkt.	Trade Pkt.	Per Oz.
Delphinium 1728 Elatum Blue	.05	.20	.75
1730 Hybridum, single mixed	.05	.10	.20
1726 Hybridum, double mixed	.10	.25	1.00
Dianthus 1758, Double chinensis, mixed	.05	.10	.20
1746 Heddewigii, double mixed	.05	.15	.50
1754 Snowball, double white	.05	.20	.60
1760 Livingston's double fine mixed	.05	.15	.40
1756 Fireball, bright scarlet	.05	.15	.50
Digitalis, or Fox Glove—			
1788 Purpurea, mixed	.05	.10	.20
2695 Echinocystis lobata, Wild Cucumber	.05	.....	.15
1804 Eschscholtzia, Golden West	.05	.10	.15
1814 Euphorbia variegata, Snow on Mountain	.05	.10	.15
1820 Ferns, Greenhouse varieties, mixed	.25	.50	.....
1826 Fuchsia, single and double mixed	.15	.25	.....
Gaillardia 1830, Single Annual Sorts mixed	.05	.10	.15
1834 Grandiflora, Hybrids, Hardy Perennial	.05	.10	.30
1832 Lorenziana, double mixed, annual	.05	.10	.20
Gloxinia 1852, Hybrida, mixed	.25	.50	.....
Gypsophila 1878, paniculata, fine cut flower	.05	.10	.20
Heliotrope 1884, finest mixed	.05	.20	1.00
1880 Lemoine's Giant Hybrids	.10	.25	2.00
Hollyhocks 1898, double white	.10	.25	1.00
1908 Livingston's Prize Mixture	.10	.25	.75
1910 Allegheny, double fringed	.10	.20	.75
Humulus, japonicus—			
1920 Japonicus, Japanese Hop	.05	.10	.25
1922 Silver Leaved Japanese Hop	.05	.10	.30
Impatiens 1928 Sultani	.10	.25	.....
1934 Kochia, Tricophylla, Summer Cypress	.10	.15	.30
1932 Linaria Cymbalaria (Kenilworth Ivy)	.10	.25	1.25
1938 Lantana, finest mixed	.05	.10	.20
Larkspur—			
1949 Double Giant Hyacinth flow., mxd.	.10	.25	.40
1947 Double Dwarf Hyacinth flow., mxd.	.05	.20	.35
Lobelia—			
1958 Crystal Palace Compacta	.05	.15	1.00
1960 Emperor William	.05	.10	.50
1962 Gracilis, light blue, trailing	.05	.10	.30
1824 Matricaria Capensis fl., pl., double white Feverfew	.05	.10	.25
1978 Marigold African double tall mixed	.05	.10	.20
1984 Legion of Honor	.05	.10	.25
1990 Dwarf French mixed	.05	.10	.20
2007 Mignonette Defiance, large spikes	.05	.15	.40
2005 Machet	.05	.10	.40
2011 Reseda Odorata (Sweet Mignonette)	.05	.....	.10
2001 Mammoth—Red Goliath	.10	.20	.75
Maurandya Vine 1999, mixed	.05	.25	1.50
2430 Mimosa pudica, "Sensitive Plant," 2 ft.	.05	.10	.25
Mimulus—			
2018 Tigrinus, spotted mixed, Monkey Flowers	.10	.25	1.25
2020 Moschatus, Musk Plant	.05	.25	1.25
Morning Glory, 2030, Brazilian	.10	.....	.25
2024 Giant Imperial Japanese	.05	.10	.20
2040 Moonflower Vine, white-seeded	.10	.....	.40
2042 Crossbred or Hybrid	.10	.....	.50
Myosotis 2051, alpestris, blue	.05	.15	.35
2050 Palustris, Perennial Forget-Me-Not	.10	.30	2.00

Nasturtiums, Tall or Climbing

	Per lb.	½ lb.	oz
2076 New Chameleon, mixed	.75	.25	.10
2078 Dunnett's Orange	.60	.20	.10
2082 King Theodore, darkest red	.60	.20	.10
2086 Scarlet	.60	.20	.10
2081 Jupiter, golden yellow	.60	.15	.10
2094 Tall Mixed, all colors, (see page 37)	.35	.15	.10
2110 Tall Marble Leaved, mixed	.....	.60	.20
Lobb's Nasturtium—			
2096 Madam Gunther, Hybrids	.90	.30	.10
2095 Lobb's mixed sorts (see page 37)	.50	.20	.10
Nasturtium, Dwarf—			
2133 New Chameleon, mixed	.75	.25	.10
2134 Empress of India, deep crimson, dark leaved	.75	.25	.10
2135 Golden King, rich color	.70	.20	.10
2137 King Theodore, rich red, bluish foliage	.75	.25	.10
2152 Lilliput, small, rich colors	.75	.25	.10
2159 Dwarf, Mixture (see page 37)	.45	.15	.10
2123 Dwarf Marble-Leaved Mixed	.....	.50	.20

Pansies

	Retail Pkt.	Trade Pkt.	Per Oz.
2175 Livingston's Fancy Mixture. Giant flowers, gorgeous colors. The best Pansy mixture (see page 37). ¼ oz., $2.25	.25	.50	8.00
2205 Pansy Giant Trimardeau, mixed, finest strains	.10	.25	1.00
2194 Giant Atropurpurea	.10	.25	1.50
2197 Giant Black	.10	.30	1.50
2201 Giant Snow Flake	.10	.25	1.50
2198 Giant Lord Beaconsfield, lavender and violet	.10	.25	1.50
2196 Giant Golden Queen	.10	.25	1.50
Dark and Light Blue, both sorts	.10	.25	1.00

Pansies—Continued	Retail Pkt.	Trade Pkt.	Per Oz.
2200 Giant President Carnot, white, violet blotches fine	.10	.25	1.50
2195 Giant Emperor William, indigo, blotched black	.10	.25	1.50
2199 Giant Peacock, blue, claret, white	.10	.25	1.50
2177 Giant Mixture, a very fine mixture of all the largest flowering types	.10	.25	1.50
2179 Orchid Flowered Mixed	.10	.50	2.50
2181 Giant Ruffled Masterpiece, exquisite colors	.15	.50	2.50
2189 Mme. Perret, rich red shades	.15	.50	2.00
2187 Bugnot's Superb Blotched, choice	.20	.50	5.00
2191 English Mixed, very fine	.10	.25	1.00
2225 Bedding Pansies, mixed	.05	.20	.60
Petunia—			
2256 Hybrida, striped, blotched, single	.05	.20	.75
2258 Hybrida, finest single mixed	.05	.20	.75
2242 Giants of California	.15	1.00	.....
2244 Ruffled Giants, mixed	.25	1.25	.....
2250 Howard's Star, fine for baskets and vases	.05	.25	.....
2240 Superb Single Fringed Mixed	.15	.50	.....
2246 Superb Double Fringed Mixed	.25	1.25	.....
Primula, Chinese Large Flg.—			
2350 Choice Mixed, very fine, unfringed	.15	.75	.....
2346 Superb Single Mixed, fringed	.25	1.00	.....
2348 Superb Double Mixed, fringed	.25	1.00	.....
2352 Obconica grandiflora	.10	.50	.....
2354 Japonica Mixed	.10	.25	.....
Poppy 2316 Single Shirley, mixed	.05	.10	.25
2311 Double Annual Sorts, mixed	.05	.....	.10
2308 Double Carnation Flowered, mixed	.05	.....	.10
2323 Single Tulip flowered	.05	.10	.25
2327 Single Annual Sorts, mixed	.05	.....	.10
2332 Double Hardy Perennial Iceland	.10	.15	.50
2330 Iceland, single	.10	.15	.50
2335 Oriental Hybrids	.10	.20	.75
2333 Orientale	.10	.15	.50
2340 Portulaca, single, large flow., mxd.	.05	.15	.25
2342 Double, large flowering, mixed	.10	.30	2.00
Phlox 2265 Drummondi, finest mixed	.05	.10	.40
2273 Grandiflora, white	.05	.20	.75
2267 Grandiflora, Prize Mixture	.10	.15	.50

Phloxes—Continued	Retail Pkt.	Trade Pkt.	Per Oz.
2284 Nana Compacta, mixed	.10	.30	1.50
2280 Nana Snowball, dwarf white	.10	.30	1.50
2282 Nana Fireball, dwarf scarlet	.10	.30	1.50
2278 Star of Quedlinburg	.05	.20	.60
2364 Pyrethrum aureum (Golden Feather)	.05	.10	.30
2362 Double, large flowering, mixed	.15	.60	.....
2371 Ricinus, Borboniensis ¼ lb., 25c	.05	.....	.10
2373 Gibsoni ¼ lb., 25c	.05	.....	.10
2377 Fine mixed ¼ lb., 25c	.05	.....	.10
2370 Zanzibarieasis, mixed ¼ lb., 25c	.05	.....	.10
2384 Salvia splendens, Scarlet Sage	.10	.25	1.25
2386 Splendens, Bonfire	.10	.40	2.50
Scabiosas, Large Flowering—			
2404 Livingston's Improved Mixed	.05	.10	.15
2408 Large Flowering, Fiery Red	.05	.10	.15
2412 Large Flowering, Double Snowball	.05	.10	.15
2414 Large Flowering, Golden Yellow	.05	.10	.15
Sweet Peas, see page 38.			
2435 Smilax, new crop lb., $3.00	.05	.10	.30
Stocks 2446 Large Flowering Double—			
Ten-Week, white	.10	.30	2.00
2440 Large Fl. Double Ten-Week Mixed	.10	.30	2.00
2646 Sweet William, single mixed	.05	.10	.25
2643 Double, mixed	.05	.15	.40
2654 Thunbergia, Mixed	.05	.15	.50
2656 Torenia, Fournieri	.10	.30	2.00
Verbena—			
2663 Mammoth, blue varieties	.10	.25	1.25
2662 Mammoth Defiance, scarlet	.10	.25	1.25
2666 Mammoth white	.10	.25	1.25
2670 Mammoth mixed	.10	.25	.90
2672 Fine mixed	.05	.15	.75
2680 Vinca, Rosea, mixed	.05	.15	.50
2679 Rosea, bright rose	.05	.15	.50
2677 Rosea Alba, white rose eye	.05	.15	.50
2678 Alba, pure white	.05	.15	.50
Zinnia 2710 Mammoth Prize Mixture	.05	.10	.25
2707 Mammoth, scarlet	.05	.10	.30
2704 Mammoth, pure white	.05	.10	.30
2706 Mammoth, golden yellow	.05	.10	.30
2700 Mammoth Crimson	.05	.10	.30
Grand Robusta plen., Giant double mixed	.05	.15	.60

Three Grand New Asters for Florists

1408 Crego Aster—White

(See Illustration.)

Plants grow about 2 feet tall, making a sturdy growth with many branches. Long, strong stems support fluffy graceful flowers of a perfection hitherto unknown among Asters. They average 4 to 5 inches across and are unsurpassed for cutting. **Pkt., 10c. Trade pkt., 30c.; oz., $2.00.**

1409 Crego Aster, Pink—Identical with above, but of a beautiful, soft, shell-pink color. **Pkt., 10c. Trade pkt., 30c.; oz., $2.00.**

1459 Pink Beauty

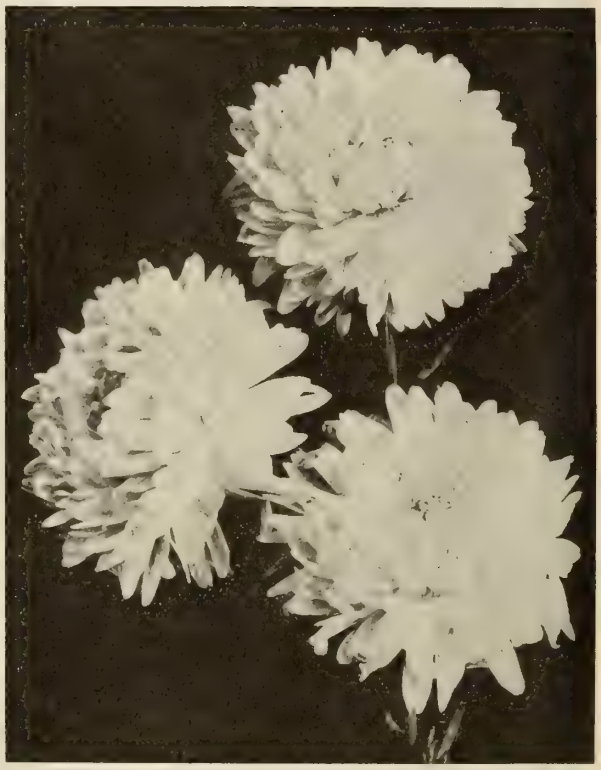
Of magnificent upright growth, with flowers carried on long, strong stems. Of chrysanthemum shape with incurved inner and reflected outer petals. Of beautiful, soft blush pink color. **Pkt., 15c., trade packet, 30c.**

1718 New "Golden Orange" Daisy

Sown into the open ground by middle of May, this rare annual soon develops many-branched plants 10 to 12 inches tall which, when fully developed, will spread from 12 to 15 inches.

The rarely beautiful flowers are 2 to 2½ inches across, of a brilliant golden-orange color with a rich, lustrous gloss. There is no other flower like it among the hundreds of annuals we know. The prominent black zone or disc surrounding the pistels in center adds largely to brilliant appearance of flowers.

For showy ribbon beds, borders or massing this remarkable floral novelty cannot be surpassed. The plants are easily grown and for extra early flowers, seeds may be started in the house. Plants may be transplanted into the open ground in May. Keep the young seedlings cool. As soon as they are set out they take root and in a short time begin to bloom, which they keep up nearly all summer. Be careful to set the young plants about two feet apart each way. They do not like to be crowded. Keep bed free from weeds, but do not hoe deeply close to the plants, which depend upon a single, large tap root. We are sure that this Annual has a future as a cut flower. **Pkt., 10c. Trade pkt., 25c.**



Crego Asters.

Orchid-Flowered Pansies

All the delicate shades and tints of the Orchids may be found in these charming, pretty favorites. Rose, orange, pink, lilac, terra cotta, chamois and other exquisite shades are predominant and please all lovers of the delicate by their refined form and texture. The colors run mostly in the lighter shades and are very rich, particularly in bedding effects. **2179 All Shades Mixed—Retail Packet 10c.; trade packet, 50c.; oz., $2.50.**

Livingston's Mammoth Pansies

Our Pansy Seed is the best to be obtained. This Favorite Flower is one of our Specialties.
The following varieties and mixtures are secured from special Pansy growers in the United States, England, Germany, France and elsewhere, **regardless of cost.** We recommend them with the greatest confidence.

2175 Livingston's Fancy Pansy Mixture

This seed is saved from the largest and rarest colored flowers of the most perfect form and velvety texture. We believe that it is the richest and most elegantly varied mixture ever offered, as it produces only the choicest colors and shades, the most beautiful forms, and the finest velvety flowers. For years this mixture has been one of our specialties, and never has it reached such perfection as it has this season. **Pkt., 25c.; trade pkt., 50c.; ⅛ oz., $1.25; oz., $8.00.**

2193 Livingston's Special Florist's Mixture

This mixture has been carefully prepared to meet the florist's need. It contains only our finest large-flowering sorts, in the light and dainty shades. Mammoth in size, exquisite in coloring, perfection in form and texture. We confidently recommend this special mixture to florists (see illustration). **Trade pkt., 50c.; oz., $5.00.**

2205 Giant Trimardeau—These are the largest flowered of all; a most showy class, of robust and very compact growth. The flowers are carried well above the leaves; splendid for bouquets, as the stems are long. This strain seems especially adapted to our climate. Our mixture contains the finest colors. **Pkt., 10c.; trade pkt., 25c.; oz., $1.00.**

2189 Madame Perret—A splendid giant-flowering strain, which is of French origin. The flowers are produced most freely, and are of the greatest diversity of colors, comprising all shades of red, from lightest rose to darkest purple. **Pkt., 15c.; trade pkt., 25c.**

2181 Masterpiece—A remarkable type, the border of each petal being conspicuously curled and undulated, which gives the flower a double, or globular appearance. The large blooms are beautifully blotched. **Pkt., 15c.; trade pkt., 50c.**

Top Notch Nasturtiums

Livingston's Top-Notch Mixture of

New Giant Flowering Nasturtiums

Gorgeous Mixture. **Absolutely the Finest Produced.**

A mixture positively without rival. **The most satisfactory of all flowers grown.** Of thrifty luxuriant growth, easiest possible culture and the most advanced large-flowering type.

For many years this mixture of Nasturtiums has been our special pride. Every year we have improved it until now we unhesitatingly offer our new Giant Flowering Nasturtiums as absolutely **the finest in the world.** We cannot praise them too highly, for we know they are sure to give unbounded satisfaction.

2100 Top Notch Mixture—Oz., 15c.; ¼ lb., 30c.; lb., $1.00.

We are Headquarters for Nasturtium Seed. We handle Nasturtium Seed by the ton and have devoted great care to procuring the very finest strains of this popular flower.

2094 Mixed Tall Nasturtiums—There is no flower seed which sells better than Tall, or Climbing Nasturtiums. For the low price, this mixture is very choice. **Oz., 10c.; ¼ lb., 15c.; lb., 35c.; 5 lbs., $1.50.**

2095 Lobb's Mixed Nasturtiums

Both foliage and flowers of this class are somewhat smaller than the Tall varieties; but the splendid profusion of bloom, and the intensely brilliant colors of the flowers, render them of the greatest value. **Oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs., $2.25.**

2151 Livingston's Splendid Mixture of the Dwarf Nasturtiums—This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large-flowered sorts; brilliant colored flowers in every shade and tint known in this annual. **Oz., 15c.; ¼ lb., 30c.; lb., $1.00.**

2150 Mixed Dwarf Nasturtiums—We handle such large quantities of Dwarf Nasturtiums that we are able to offer this especially choice mixture at a very low price. **Oz., 10c.; ¼ lb., 15c.; lb., 45c.; 5 lbs., $2.00.**

Livingston's Superb Sweet Peas

We Are Headquarters for Sweet Peas

Sweet Peas are one of our greatest specialties; in fact, we annually handle them in such enormous quantities, at both wholesale and retail, that no firm with whom you could deal could possibly be better equipped to fill your orders in a more satisfactory manner. For years we have had all the Sweet Pea seed we sell raised especially for us by, we can truly say, one of the most expert growers in this country, and as we arrange for these acreages of seed several years in advance, we are always in a position to offer our customers all new varieties the moment they prove their merit. Each season we most carefully revise our list of Sweet Peas, and our customers may therefore depend upon our recommendations. We never, under any circumstances, offer sorts of untried or doubtful value—only those Sweet Peas which produce flowers of good substance and largest size, are listed.

"Senator" Spencer, One of the finest of the new type. ½ natural size

New Orchid-Flowered or "Spencer" Sweet Peas

During the past few years an evolution has been going on in the Sweet Pea world, which has resulted in the creation of a glorious new giant-flowering class, a type so distinct in form, size and beauty, that it has been fittingly styled Orchid-Flowered.

These new Sweet Peas are distinguished for their gigantic size, usually measuring two inches across; the bold, erect standard, which is uniformly waved, crimpled and fluted in exquisite fashion; the charming blendings of harmonious colors, the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers and the large number of flowers on the stem, usually three to four. So superior is this new type in every respect that we believe it is certain to supersede the old grandiflora kinds just as fast as new colors appear and become fixed.

We offer the following Orchid-Flowered sorts (for description see our Seed Annual, pages 18 and 111:

	Pkt.	Oz.	¼ lb.
2582 Mrs. Walter Wright Spencer—Mauve and blue	$0.10	$0.25	$0.85
2591 Blanche Ferry Spencer—Pink and white	.10	.30	1.10
2610 Primrose Spencer—Beautiful clear primrose	.10	.20	.60
2612 Apple Blossom Spencer—Rose and blush	.10	.25	.75
2583 King Edward Spencer—Best scarlet	.10	.20	.60
2620 Captain of the Blues Spencer—Brilliant blue	.10	.20	.60
2621 Senator Spencer—(See illustration). Heliotrope striped with claret	.10	.25	.75
2630 Spencer Varieties Mixed—A gorgeous assortment	.10	.15	.50

	oz.	¼ lb.	lb.
2570 Countess Spencer—(True.) Silvery rose	$0.20	$0.50	$1.50
2580 Helen Lewis—(Orange Spencer). Orange	.15	.40	1.40
2590 White Spencer—Best white	.30	.75	.....
2611 Princess Alice Spencer—Beautiful lavender	.20	.50	.....
2581 Mrs. Joe Chamberlain Spencer—White flaked red ..... Pkt., 10c	.30	.....	.....

Other Grand New Sweet Peas

	oz.	¼ lb.	lb.
2474 Mrs. Collier—Rich primrose	$0.10	$0.25	$0.75
2493 Phenomenal—Blush edged purple	.10	.25	.75
2528 Horace J. Wright—Deep royal purple	.10	.20	.50
2520 Bolton's Pink—Rich deep rose	.10	.20	.50
2552 Nora Unwin—Pure white	.10	.20	.75
2554 Phyllis Unwin—Rich rose	.10	.20	.50
2550 Gladys Unwin—Dainty pink	.10	.20	.50

Livingston's "Special Mixture" of Sweet Peas

In offering this superb mixture—our best—we can confidently claim that it has no superior in the market today. Only the very newest and most desirable colors and shades are included, which have been especially selected for their graceful form, superb coloring, large size and delicious fragrance; mixed in such proportions as to give a perfect blend.

2540 Large pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs., or more at 45c. per lb.

2545 Livingston's Florists' Mixture—This is a very superior mixture of all the best American varieties, and contains only the largest flowering sorts; especially noted for many entirely new and delicate light colors and shades. **Oz., 5c.; ¼ lb., 15c.; lb., 35c.; 5 lbs. or more at 30c. per lb.**

2543 Fine Mixed—This mixture, for the price, will be found very satisfactory. It contains a great variety of choice colors and shades, most of the named sorts listed below as well as many new seedlings. **Oz., 5c.; ¼ lb., 10c.; lb., 20c.**

2632 Cupid or Dwarf Sweet Peas—These little beauties grow only 5 to 6 inches high; are very fragrant; bear full-sized flowers of fine substance, two to three on each stem; are profuse bloomers. All colors mixed. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

2633 Bush Sweet Peas—The plants grow erect, 15 to 18 inches high, and when in full flower branch so freely and compactly that the bushes are often the same diameter as height. Require no supports. Mixed. **Oz., 5c.; ¼ lb., 15c.; lb., 40c.**

Livingston's Cream of the Named Sweet Peas

2513 Admiration—A delicate shade of rosy lavender.
2487 Agnes Johnston—A bright rose-pink, shaded cream.
2505 America—Brightest blood-red striped, white ground.
2506 Aurora—Orange salmon, flaked, striped white; large.
2495 Black Knight—Rich dark-maroon; veined black.
2466 Blanche Burpee—Large, pure white; fine form; grand.
2484 Blanche Ferry—The popular pink and white.
2526 Brilliant Blue—Best indigo blue and violet.
2527 Countess of Cadogan—A bright blue; very attractive.
2478 Dainty—White; with pink flush, deepening to pink.
2529 David R. Williamson—A rich indigo-blue.
2467 Dorothy Eckford—One of the largest, pure whites.
2483 Earliest of All—Earliest blooming pink and white.
2472 Earliest Sunbeams—Early, rich primrose; good size.
2468 Emily Henderson—Large, pure white; profuse, early.
2514 Flora Norton—A beautiful rich pure-lavender.
2507 Golden Rose—Primrose yellow; striped with rose.
2521 Gorgeous—Orange salmon; wings rose-tinted orange.
2508 Helen Pierce—Blue mottled with white; very showy.
2522 Henry Eckford, New—Nearest approach to orange.
2473 Hon. Mrs. E. Kenyon—Rich primrose; extra fine.
2479 Jeannie Gordon—Bright rose, shaded cream.
2509 Jessie Cuthbertson—Creamy white, flaked dark-rose.
2499 King Edward VII—Largest, best, crimson-scarlet.
2515 Lady Grisel Hamilton—A beautiful silver-lavender.
2480 Lovely—Soft shell-pink, an exquisite shade; large.
2492 Maid of Honor—Lavender and white; edged blue.
2523 Miss Wilmott—Richest orange-pink; shaded rose.
2469 Mont Blanc—Extra-early Emily Henderson.
2516 Mrs. Walter Wright—Beautiful shade clear mauve.
2488 Prima Donna—Lovely soft pink, hooded form.
2489 Prince of Wales—Elegant, rich, carmine-rose; grand.
2500 Queen Alexandra, New—An intense scarlet.
2530 Romolo Piazzani—Nearly a true self violet blue.
2501 Salopian—Rich, deep crimson-red; enormous flower.
2502 Scarlet Gem—Bright geranium scarlet; very vivid.
2510 Senator—Purplish maroon, striped on white ground.
2496 Shahzada—Intensely dark maroon, with purple tint.
2475 Stella Morse—Has a faint tinge of pink.
2465 White Wonder—Flowers pure white, of giant size.

Prices for any of the above named Sweet Peas: Oz., 5c.; ¼ lb., 15c.; lb., 40c.; 5 lbs. or more at 35c. per pound.

We send ounces and quarter pounds by mail, postpaid, at prices quoted. For larger quantities remit 8 cents per pound extra for postage.

Livingston's Spring Flowering Bulbs and Roots

For many years we have been supplied with Caladium Bulbs by the same grower, and we have never seen the stock equaled from any other source.

Caladium Bulbs

Healthy Bulbs, Well Cured

5 to 7 inches. **Each, 10c.; doz., 50c.; 100, $3.50.**

7 to 9 inches. **Each, 15c.; doz., 75c.; 100, $5.00.**

9 to 10 inches. **Each, 20c.; doz., $1.25; 100, $8.00**

10 to 12 inches. **Each, 30c.; doz., $1.85; 100, $14.00.**

Single bulbs are sent postpaid at prices quoted; larger quantities by express or freight at buyer's expense.

Two Grand Gladioli for Florists

Klondyke—The best light yellow Gladiolus introduced by us in 1906. The color is clear primrose-yellow, except a blotch of vivid crimson-maroon in the throat. **Doz., 50c.; $3.00 per 100; $27.50 per 1000.**

Princeps—A superb Gladiolus. Color, rich crimson with intense shadings in throat and broad white blotches across the lower petals. The flowers are 5 to 6 inches in diameter. **Doz., $1.50; $12.00 per 100.**

Livingston's Brilliant Beauties Gladiolus.

Gladioli Bulbs in Mixtures

We grow Gladiolus in immense quantities at our True Blue Nurseries. The bulbs we offer are of first quality, and no better can be had. All selected first-size bulbs.

Livingston's "Brilliant Beauties"

A splendid well-balanced mixture containing a marvelous variety of bright colors, many charmingly blended, striped and blotched. Those who wish an ample supply to cut for bouquets should plant liberally of "Brilliant Beauties" at intervals of two weeks. All first size bulbs, sure to bloom. **Doz., 12c.; 100, 75c.; 1000, $6.00.**

Red and Scarlet Shades, mixed. **Doz., 20c.; 100, $1.40; 1000, $13.50.**

White and Light Shades, select stock, mixed. **Doz., 30c.; 100, $2.00; 1000, $18.00.**

Yellow Shades, mixed. **Doz., 60c.; 100, $4.00; 1000, $35.00.**

Striped and Variegated, mixed. **Doz., 30c.; 100, $2.25; 1000, $20.00.**

Pink Shades, mixed. **Doz., 25c.; 100, $1.75; 1000, $16.00.**

New Giant (Childsii), mixed colors. **Doz., 30c.; 100, $2.00; 1000, $18.00.**

Groff's New Hybrid Seedlings, fine mixed, all colors. **Doz., 35c.; 100, $2.25; 1000, $20.00.**

Livingston's True Blue Mixture, extra choice mixtures, all colors. **Doz., 20c.; 100, $1.60; 1000, $14.00.**

If Gladiolus are wanted by mail, add 10c. per doz. for postage.

Tuberose Bulbs

We handle immense quantities of Tuberose Bulbs each season, and owing to the excellence of our strain, the demand is constantly increasing. Our stock is grown by one man only, and he is an expert.

Excelsior Pearl—First size 4 to 6 inches in circumference. Doz., 25c.; 100 for $1.00; 1000, $9.00; mail 10c. per doz. extra for postage.

Livingston's Superb Named Gladioli

☞ **All Gladioli are sent by express at buyer's expense.**

Attraction—Most beautiful sort with attractive dark crimson flowers, each of which is marked with large, pure white spots in center and throat. **Doz., 70c.**

Augusta — Splendid pure white with blue anthers. A lovely variety. **Doz., 35c.; $2.50 per 100; $20.00 per 1000.**

Brenchleyensis — Intense vermilion-scarlet. A most popular old variety. **Doz., 30c.; $1.75 per 100; $14.50 per 1000.**

Mrs. Francis King—Light scarlet sort, with large flowers and extra long spikes. **Doz., 60c.; $3.50 per 100; $30.00 per 1000.**

"1900"— Good-sized flowers of rich crimson, with prominent white spots on three lower petals. **Doz., 40c.; $2.00 per 100; $18.50 per 1000.**

The Grandest Gladiolus for Cutting

America

A beautiful soft flesh-pink, slightly tinged with lavender; strong grower, erect spikes of large flowers; grand for bedding. For florists' use it has no equal. (See illustration.) **Doz., 60c.; $4.00 per 100; $37.50 per 1000.**

Gladiolus America.

"True Blue" Tuberose Bulb.

Fertilizer, Plant Food, Etc.

Special prices to persons wanting Ton or Car Lots. Fertilizer prices are F. O. B. Columbus, Ohio. Analysis of any of the fertilizers cheerfully given if desired.

Bone Meal—Our Bone Meal is evenly ground and especially adapted for drilling. For lawns use 10 lbs. for 250 square feet. Price: **10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., $1.25; 100 lbs., $2.00.**

Bone Flour—Especially adapted to florists' use. Gives best of results. **10 lbs., 50c.; 25 lbs., $1.25; 100 lbs., $2.50.**

Fruit and Root Crop Special—Adapted to hastening the early maturity of crops and give high flavor to vegetables. Very popular. **50 lbs., $1.00; 100 lbs., $1.75.**

Bone, Blood and Potash—It runs higher in its percentage of ammonia and potash. A splendid grower of early vegetables. **50 lbs., $1.50; 100 lbs., $2.25.**

Nitrate of Soda—For early vegetable crops it will produce wonderful results. As the market **price of Nitrate is subject to frequent changes** our prices are also **subject to change without notice. 10 lbs., 75c.; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.50.**

Land Plaster or Gypsum—Used by many potato and vine growers. Per bbl. of about **250 lbs.**, on cars, **$2.20; 5 bbls. for $10.00.**

Canada Hard-Wood Ashes—Splendid as a lawn dressing. Should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 75 lbs. to 1,000 square feet. **50 lbs., 75c.; per bbl. of 200 lbs., $1.75; ton, $15.00.**

Shredded Cow Manure—5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., $1.25; 100 lbs., $2.00.

Sheep Manure (Pulverized)—A pure natural manure and very nutritious for plants. For potting soil mix one part manure to six parts soil. For vegetable garden, place directly in hills or drills, it promotes a rapid, steady growth until maturity. Splendid top dressing for lawns. **5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., $1.25; 100 lbs., $2.00.**

Blatchford's Plant Grower—Odorless, highly concentrated, soluble food for house plants. It will not only make the plants grow, but will drive out all worms around the roots. A box is sufficient for 15 ordinary sized plants for one year. Directions for using the Plant Food with each box. **1½ lb. box, 50c.**, postpaid.

Lawn Fertilizer—For this purpose we recommend Wood Ashes, Sheep Manure or Bone Meal as being best adapted to the wants of the lawn.

Muriate of Potash—50 lbs., $2.25; 100 lbs., $4.00.

Insecticides, Fungicides, Etc.

Hammond's Slug Shot—Non-poisonous; no danger to the person using it. It does not render vegetables or fruits on which it is applied injurious, and it is the best insect destroyer ever offered for the destruction of potato bugs worms, and all insects that chew. Is simply dusted lightly on. Booklet, "Fighting Insects in the Garden," sent free. Price, bbl. holding **250 lbs., net, $9.75;** keg of **125 lbs., $5.50; 50 lbs., $2.45; 10 lbs., 55c.; 5 lbs., 35c.**

Dusters for Slug Shot and other Powders—½ gal. size, 30c.; gal. size, 50c.

Tobacco Stems—For fumigating plants infested with green and black aphis. By express or freight: **100 lbs., $1.25; 500 lbs., $5.00; ton, $15.00.**

Tobacco Dust—Very effective, being leaves, not ground stems. Used on cabbage and in vegetable hot houses. For green and black aphis, fleas, beetles, etc. Price, **5 lbs., 25c.; 10 lbs., 40c.; $3.00 per 100 lb. bag.**

Bordeaux Mixture, Lion Brand—A superb article, ready for immediate use. Works freely without clogging in any spraying machine. One gallon to fifty gallons of water Price, **qt., 40c.; gal., $1.00; 5 gal., $4.00.**

Rex Lime and Sulphur Solution—An up-to-date remedy for San Jose scale and bark lice infecting fruit and shade trees. A superior fungicide and insecticide for summer use. **Qt., 25c.; ½ gal., 50c.; gal., 75c.; 5 gal., $2.00; 25 gal. keg, $6.50; 50 gal. bbl., $11.00.**

Arsenate of Lead—Used largely with Bordeaux Mixture for spraying potatoes and fruit trees. Adheres much better than Paris Green. **Lb., 25c.; 2 lbs., 45c.; 5 lbs., $1.00.**

Sulpho-Tobacco Soap—A sure exterminator of all insect life and vermin on plants. **3 oz. cake, 10c.; by mail, 13c.; 8 oz. cake, 20c.; by mail, 28c.**

"Black Leaf" Tobacco Extract—Used for destroying scab, ticks, lice and insect pests on sheep, cattle, hogs, and for spraying trees and vegetables to destroy sucking insects. **Price, can 25c.**

Fish or Whale Oil Soap—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, **lb., 20c.; 2 lbs., 35c.; 5 lbs., 55c.** If by mail, add 16c. per lb. for postage.

To-bak-ine Liquid—¼ pint can, 60c.; ½ pint can, $1.10; 1 pint can, $2.00; 1 gal. can, $15.00.

Nikoteen—A fumigating compound for killing all kinds of insects on plants in greenhouses. **Pt., $1.50; 3 pts., $4.25; original case of 10 pts., $12.50.**

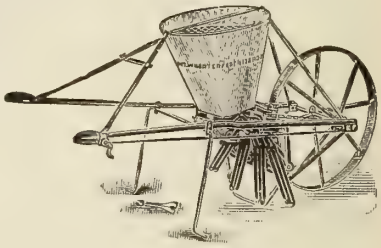
Nico-Fume—Liquid insecticide. An exceptionally strong, pure, nicotine solution, especially adapted for fumigating greenhouses. **¼ pt., 50c.; 1 pt., $1.50; ½ gal., $5.50; 1 gal., $10.50.**

Fir Tree Oil Soap—Price: **½ lb. tin, 25c;** (by mail, **35c.**)

Hellebore—Powdered White—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when vegetables are nearly ripe. **Lb., 18c.; 5 lbs., 85c.; 10 lbs., $1.50.**

Paris Green—Applied as a powder it should be mixed with paste or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 or 300 gallons of water. Price: **55c. per lb.** Write for prices on larger quantities.

McWhorter Fertilizer Distributer



For the practical and superior distribution of all commercial fertilizer. It distributes the fertilizer in a furrow, beside the growing crop, as a top-dresser or as a broadcaster to any extent up to a uniform spread of over two feet, without removing or adding any part or loosening a bolt, and in any quantity from a few pounds to 40 or more pounds to the 100 yards of row. Especially adapted to applying fertilizer to strawberries or other similar planted crops. Price, **$10.00.**

Eureka Fumigators

Made of the Best Galvanized Iron.

No. 1	For house 10x 20 ft.	$1.25
No. 2	For house 12x 40 ft.	1.75
No. 3	For house 15x100 ft.	2.25
No. 4	For house 20x100 ft.	3.25

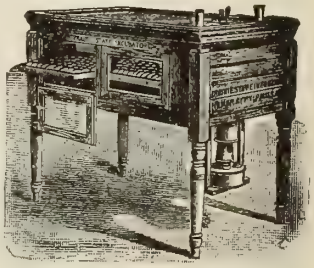
Poultry Supplies

Incubators, Brooders, Bone Cutters, Grit, Shell, Bone, Medicines, Lice Killers, Fountains, Leg Bands, Etc.

We handle this class of goods in large quantities—some items in car loads—hence our prices will be found right.

We have a special descriptive illustrated Poultry Supply Catalogue, which also contains a complete list of Dog Remedies, Foods and Soaps. We are glad to send it to any one interested. Send for it.

Prairie State Incubator



We have the agency of Prairie State Machines for Ohio, and can ship them promptly to any desired point. All metal parts are brass and galvanized iron, and thoroughly well made throughout. Large illustrated descriptive price list of **both Incubators and Brooders** sent free on application.

Incubators, $15.00 to $38.00.

Egg Tester free with Incubator.

The New Prairie State Brooder offers the poultryman the most satisfactory device for taking the chicks from the incubator and caring for them until ready for winter quarters. Brooders, **$12.00 to $20.00.**

Hoovers—$7.00 to $8.00.

Eclipse Barrel or Tank Spray Pumps

The Eclipse Pumps are without doubt the most practical of any offered. The originators are today extensive fruit growers and know just what is needed. They first made them for themselves, then their neighbors wanted them—now everybody wants them.

Eclipse No. 4—All working parts are of the best red and seamless brass. Detachable cylinder, new automatic adjusting plunger, "Eclipse" agitator, patent valves and cage, steel air chamber, cylinder 1¾ in. in diameter, stroke 4 to 5 inches, capacity 60 or 75 gallons per hour, reduced to a fine mist; carries one double Vermorel nozzle, or two single; large or small opening. Agitator works independent of or in harmony with pump at will of operator; fitted for side of barrel. **Price, Pump alone, $8.00.**

Eclipse No. 4, Outfit B—Pump, complete with 6 feet of best ½-in. hose, 6 feet iron extension rod, leakless cock and double Vermorel nozzle, with new swivel joint and extra caps for long-distance work. **Price, complete, ready to go to work, $12.00.**

With brass-lined bamboo extension rod, instead of iron, $13.00. Brass air chambers in place of iron, $2.00 extra.

Eclipse No. 5—Similar to above, but has cylinder 2¼ inches in diameter, air chamber 2½x30 inches; malleable iron clinch plate and lever, steel air chamber; brass base, cylinder, valve and cage, discharge tube and agitator. Capacity, 125 to 150 gallons per hour, intended for 3 nozzles. **Price, Pump alone, $10.00.**

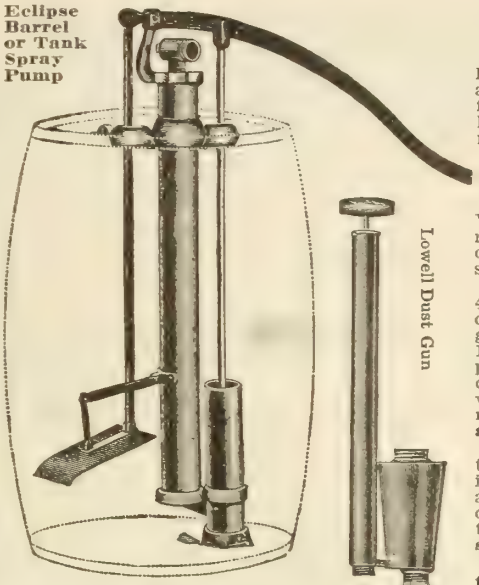
Eclipse No. 5, Outfit B—With 8 feet hose, 1 bamboo brass-lined extension rod, leakless cock and one double Vermorel nozzle, **$15.00.** With **brass air chamber, $2.50 extra.**

Eclipse No. 407, Outfit D—Same as Outfit B, with the addition of 8 feet of hose, 8 feet of bamboo extension rod, and double Vermorel nozzle. **Double outfit complete, $20.00.**

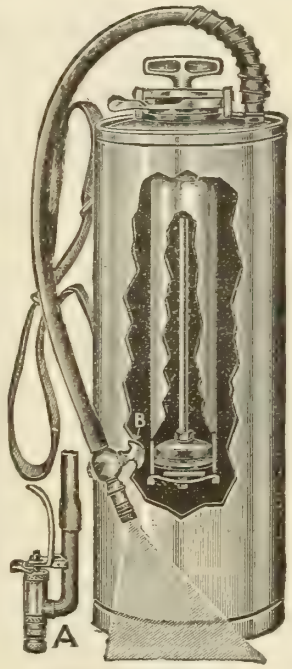
Brass air chamber, $2.50 extra.

Myers' Little Giant Bucket Spray Pumps

Constructed entirely of brass, which is not affected by the poisons used in spraying fruit trees, vines and shrubbery. Are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up, which has the effect of holding the pump down. Will throw a solid stream 50 feet, and are very useful for washing windows and buggies, sprinkling lawns, flowers, etc. For spraying, a fine jet is discharged into the bottom of the bucket to keep the solution from settling. **Price, with rubber hose, $3.00; with 8-foot extension rod, $3.50.**



Eclipse Barrel or Tank Spray Pump



The "Auto-Spray"

Myers' Little Giant Bucket Spray Pump

Pumps and Sprayers

Myers' Improved Barrel Spray Pump, No. 305B—With mechanical agitator, Fig. 1394, complete with 15 feet of ½-inch five-ply discharge hose and Myers' graduating Vermorel nozzle.

Price **$10.00**

The "Auto-Spray"

Works automatically for 6 to 15 minutes, according to the nozzle opening. It may be charged in 15 seconds by a few strokes of plunger.

The "Auto-Spray has a capacity of 4 gallons; when properly charged, contains 3 gallons of solution and 1 gallon of compressed air. Eight to 12 strokes of the plunger will compress the air, and 2 pumpings will discharge the entire contents. **Galvanized iron tank, with auto-pop nozzle, $5.50. Solid brass tank, with auto-pop nozzle, $7.65.**

Auto-Pop Spray Nozzle—In operation a lever is moved by simply closing the hand thus opening the valve and allowing an instantaneous discharge of the spray. By releasing the lever it closes automatically; **spray is in perfect control. $1.25.**

Extension rods for Auto-Spray, 2 feet long, each, 50c.

Garfield Knapsack Sprayer

Made entirely of brass and copper. Tank holds 4 gallons, has 4 feet best rubber hose, brass pipe, 35 inches long, and combination Vermorel nozzle attached, without agitator. **Price, $11.00.**

Park's Sprayer.

Simple and cheap, for spraying shrubs and plants with water or insecticides. The agitator inside of the Glass Mason Fruit Jar rattles around loosely and keeps the liquid thoroughly mixed while using. (See cut.) **Price, $1.00.** Cannot be mailed.

Vermorel Nozzle

The greatest economy of spraying liquid may be secured by using this nozzle. **Price, ¼-inch, with 2 caps A, 90c.** Postage, 6c. extra.

Calla Nozzle

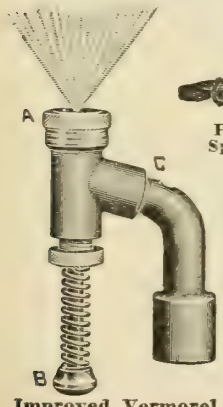
A cheap but reliable nozzle. Has two grades of spray and a solid stream, governed by the slide shown in cut. One of the longest distance nozzles in use. Especially good to apply whitewash in poultry houses, etc. **Price, 75c. By mail, 80c.**

Non-Clog Atomic Nozzle

(See cut below.)

A new nozzle of large capacity and can be regulated so as to throw a very fine and wide angle to the very long concentrated form of spray. We consider this nozzle one of the best. **Price, $1.25.** Postage, 5c. extra.

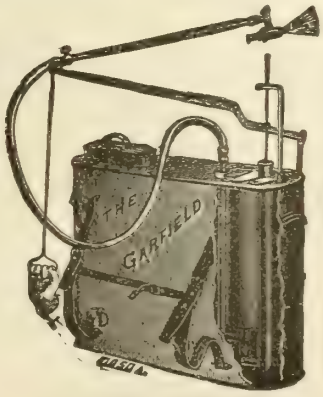
All goods on this page are shipped at the purchaser's expense unless quoted prepaid.



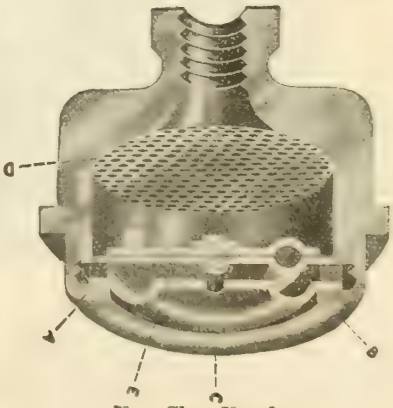
Improved Vermorel Nozzle

Park's Sprayer

Calla Nozzle



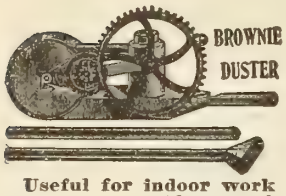
Garfield Knapsack Sprayer



Non Clog Nozzle

Other Spraying Machines

The Brownie Duster



For Garden Insects

Useful for indoor work as well as outdoor work.

This machine dispenses the use of water. Powders used dry are more effective than otherwise and should be distributed in a smokelike dust, so as to be hardly perceptible on the leaves. Two 16-inch tubes and one spread nozzle furnished with each duster. Machine weighs complete 3½ lbs. One packed in a case. Reservoir holds ½ lb. Paris Green, 2 oz. Powdered Hellebore, or 2 oz. Insect Powder.
Price, $4.00.

Leggett's Champion Dry Powder Gun or Duster

An excellent machine of greater capacity than the Little Brownie.
Price, $8.00.

Lowell Dust Gun

For applying dry powders, such as Slug Shot, White Hellebore, Paris Green, etc. Rapid and economical. (See illustration page 41.)
Price, $1.00; postpaid, $1.30.

Livingston's Miscellaneous Requisites

All articles listed on this page are sent by express or freight AT PURCHASER'S EXPENSE, unless quoted prepaid.

Cape Flowers.

Best quality, white, **per lb., $1.50.**
Best quality, colored, **per lb., $2.00.**

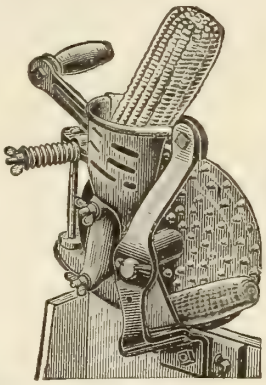
Chenille.

We guarantee our Chenille to run 12 full yards to the piece, and not short measure. Large Worsted Chenille, purple piece, **30c.**; small Woolen Chenille, purple, **25c. We carry all colors in stock.**

Cycas Leaves

	Each.	Per doz.	Per 100
12 to 14 in.	$0.06	$0.65	$ 4.00
14 to 16 in.	.07	.75	5.00
16 to 20 in.	.09	.90	6.00
20 to 24 in.	.12	1.20	7.00
25 to 28 in.	.15	1.50	8.50
28 to 32 in.	.18	2.00	10.50
32 to 36 in.	.20	2.25	12.00
36 to 40 in.	.25	2.50	15.00
40 to 44 in.	.28	3.00	20.00

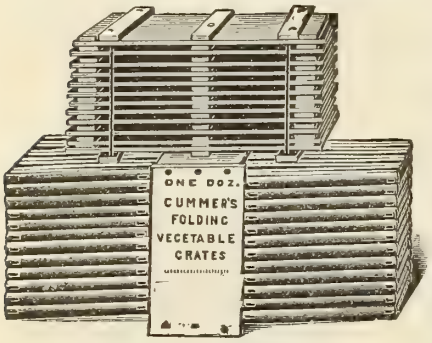
Columbus Corn Sheller



This is the only small Sheller on the market that has an adjustable throat that can be fitted to any size corn from large Indian corn to the smallest pop corn.

An extremely handy machine on the farm.

By freight or express, each, **$1.25.**



Folding Bushel Crate

The best thing in existence for hauling produce to the market. Holds exactly one bushel; no waste space in wagon; can be piled on top of each other and **no slipping.** Folds up flat when not in use. **Each, 22c.; 10 for $2.00.**

Asparagus Knife

Goodell's—This seems to us much the best knife we have ever seen. **Each, 35c.; per doz., $3.50.**

Berry Baskets

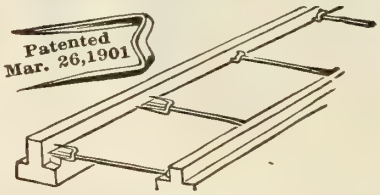
Standard quarts. **Per 100, 50c.; per 1,000, $3.75.**

Bird Cages

Write for special Price List of Bird Cages, Birds, Fish Globes, Gold Fish, etc.

Doves—best quality, each, $1.50

Van Reyper's Glazing Points



No. 2 for single strength glass; No. 2½ for double strength glass. **60c. per 1000; 5000 at 55c. per 1000.** Postage, 15c. per 1000 extra for No. 2; for No. 2½, 28c. per 1000.

Pincers for applying above, 65c.; **postpaid, 80c.**

Siebert's Glazing Points

This glazing point is coming into very general use, as it holds glass firmly in all directions; does not rust and does not crack glass in driving. Postage, 16c. per lb. extra. ⅝ in. size, 1200 to lb.; ⅞ in. size, 800 to lb. **Lb., 40c.; 7 lbs., $2.50.; 15 lbs., $5.00.**

New Galvanized Glazing Brads—¾ in., **25c. per lb.**; postage, 16c. extra per lb.

Grafting Wax

Best quality; **¼ lb., 8c.; ½ lb., 15c.; lb., 25c.**

Dibbers

Iron Handle Steel Point.

Very strong. All in one piece. **Each, 30c.; doz., $3.00.**

Cane Stakes

Good, strong, natural canes. From southern cane brakes, running 6 to 8 feet in length. **90c per 100, $1.60 per bundle of 250; $6.00 per 1000.**

Dog Remedies

We are state agents for Glover's and Sergeant's Dog Remedies and can fill orders promptly. Where marked express, they go by express at customer's expense. Where marked by mail we send postpaid.

	Glover's.	Sergeants.	
Mange Cure	$0.50	$0.50	Express
Distemper Cure	1.00		Express
Vermifuge	.50	.50	Express
Canker Wash	.50	.50	Express
Eye Lotion	.50		Express
Blood Purifier	.50		Express
Liver Pills	.50		Mail
Diarrhoea	.50		Express
Cure for Fits	.50		Express
Tonic	.50		Express
Liniment	.50		Express
Condition Pills		.50	Mail
Sure Shot		.50	Express
Constipation Cure		.25	Mail
Arsenic & Iron Pills		.50	Mail
Rheumatic Pills		.50	Mail
Dog Soap	.25	.25	Mail

Dog Biscuit or Cake

Spratt's Patent Dog Cakes—These celebrated cakes are now being supplied to all leading kennels, and used in the principal dog shows of the world. One of the most successful and wholesome dog foods made. Will keep anywhere indefinitely. Always ready for use. **3 lbs., 25c.; 5 lbs., 40c.; 10 lbs., 80c.; 25 lbs., $1.90; 100 lbs., $7.00.**

Spratt's Puppy Cake—For use while teething. **3 lbs., 25c.**

Book on Dogs and Other Pets

"Pets of the Household," by Earl. Tells all about their diseases, feeding, etc. **Postpaid, 25c.**

Hot Bed Sash

No. 1—Made of cypress lumber. Size 3 1-3x6, made for four rows of 8-inch glass. A sash of extra quality. **Price, unglazed, f. o. b. cars at Columbus, each, $1.25; 10 or more at $1.20; 25 or more at $1.15.**

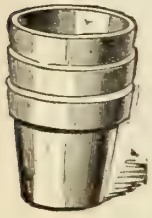
Special prices in large quantities.

Fanning Mills

Clipper Seed and Grain Cleaner—We have used and sold the **Clipper** for 15 years and pronounce it the best, most economical, strongest mill made, and yet sells at the same price as ordinary mills.

No. 1 for general use has 8 sieves, 7 zinc; cleans all kinds of grain and seed. Price, **$20.00.**

Flower Pots—Standard Size



in.	Per doz.	Per 100	Per 1000
2	$0.10	$0.60	$3.75
2½	.15	.75	5.00
3	.25	.90	7.50
3½	.30	1.25	9.00
4	.35	1.50	10.50
5	.45	2.50	17.00
6	.60	4.00	28.00
7	.75	5.50	.....
8	1.00	7.25	.....
9	1.35	10.00	.....

in.	doz.	in.	doz.	in.	doz.
10	$2.00	12	$5.00	14	$10.00
11	3.00	13	7.00	15	12.00

Neponset Flower Pots

Neponset Flower Pots—Are absolutely unbreakable, much lighter in weight than clay; are the cheapest and best flower pots on the market. They are made from the well-known Neponset Water-Proof Fabric, and for lightness, cleanliness, cheapness have no equal.

	Per 100	Per 1000	No. in Crate
2¼ inches	$0.25	$2.42	1000
2½ inches	.30	2.78	1000
3 inches	.45	3.82	1000
3½ inches	.60	5.24	1000
4 inches	.80	6.60	500
5 inches	1.20	10.96	500
6 inches	1.65	14.68	500

Plant Tubs

	Outside top Diameter	Bottom.	Depth.	Price.
No. 1	11½	10	11½	$1.00
No. 2	13½	10¼	11¼	1.25
No. 3	14¾	12½	14	1.65
No. 4	16	13½	15	2.00
No. 5	19	16½	18	3.00
No. 6	22	20	19½	3.75
No. 7	25	22¾	22	5.00
No. 8	26	23¾	23¾	6.00

Are made of everlasting red cedar. The most durable and handsome tub on the market. Are painted green, castings and hoops black.

Write for prices on quartered white oak plant and tree tubs and jardiniers.

French Moss Wreaths

	Doz.	100
10 inch	$1.25	$10.00
12 inch	1.50	12.00
14 inch	1.75	14.00
16 inch	2.00	15.00

½-Inch—Revero Hose—¾-Inch

The Indestructible Florists' Hose, moulded seamless construction, does not kink like the old-style wrapped hose. If you want the best greenhouse hose on the market today, buy **Revero. Price, ½-in., 14c. per foot; ¾-in., 17c. per foot.** You can buy any quantity you want from 25 feet up. Let us have a trial order from you. The above prices include regular couplings.

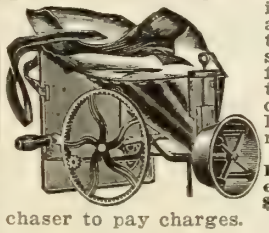
Fibre Vases for Florists

The most practical container to display cut flowers in the window, on the counter or for refrigerator use.

Size.	Diam.	Depth.	Each.	Doz.
No. 0	8	13 in.	$0.50	$5.70
No. 1	5½	10 in.	.45	4.75
No. 2	4½	9 in.	.40	4.40
No. 3	4	6 in.	.35	3.50
No. 4	3	4½ in.	.25	2.80
No. 11	5½	18 in.	.50	5.70
No. 22	4 1-3	15 in.	.45	4.75
No. 33	4	12 in.	.40	4.25

Cahoon Hand Broadcast Seeder

For sowing any grain or grass seeds. Sows at a common walking gait 4 to 8 acres per hour. A saving of labor and one-third of the seed is effected by this machine. Reliable in all respects.



Price, by Freight or express, $3.50, purchaser to pay charges.

Painted Pot Labels

Sizes.	Per 1000	Sizes.	Per 1000
3½x⅝	$0.65	6x⅝	$1.20
4 x⅝	.70	10x⅝	2.50
4½x⅝	.80	12x⅝	3.00
5 x⅝	.95		

Painted Copper-Wire Tree Labels

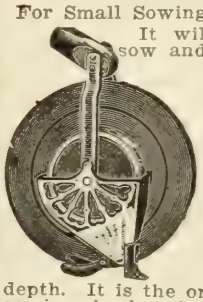
3½x⅝, per 1000 ..... **$1.20**

Garden Stakes

Sizes.	Per 1000	Sizes.	Per 1000
8x⅞	$3.70	12x1⅛	$6.00
10x⅞	4.80		

Eureka Hand Seeder

For Small Sowings and Hot Beds.



It will open the drill, sow and cover beet, cabbage, carrot, celery, lettuce, radish, turnip and all such seeds with perfect regularity. It sows much more evenly and ten times as rapidly as by hand. The quantity to be sown can quickly be regulated and also the depth. It is the only drill made for sowing in hot beds. Will sow a small packet of seeds as well as larger bulks. Simple, easily understood and cannot get out of order. Price, **$1.00, or by mail or express, prepaid, $1.50.**

Garden Lines

Braided Linen—Per 100 feet, **40c.**

Glass

For greenhouses and hotbeds. We will be glad to quote special prices on application. We get our stock direct from the factory and can quote close prices. All sizes and grades.

French Moss.

A bright green moss used for decorating purposes. Per bunch, **10c.;** doz., **$1.00;** per 100, **$7.50.**

Jones' Hose Mender

Cheap and Durable.

Perfect Clinching Hose Mender. Made of brass, easy to apply, no band required for ¾ or ½ inch hose. Each, **10c.;** doz. **$1.00.**

Cooper Hose Mender.

Made of brass; needs no wrapping; best in the market. **Each, 10c.; doz., $1.00.** Made for ½-inch and ¾-inch hose. State size wanted when ordering.

Glass Cutters—Diamond, $3.00.

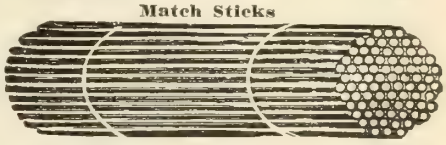
Little Red Devil—The best cheap cutter on the market. **20c.** each; **$2.00** per doz.; 4 for **70c.**

Six Wheel Cutter—Highly recommended by expert glass cutters. Each, **30c.;** 4 for **$1.10;** doz., **$3.25.**

Knives.

Budding Knives. Postpaid..... **$0.85**
Pruning Knives. Postpaid..... **1.00**

Match Sticks



	1000
5 inch, green	$0.90
12 inch, green	1.25
18 inch, green	1.50

Mastica
(For Glazing Greenhouses.)

Mastica Machine, for applying Mastica, offered herewith, **$1.25 each.**

The best and most up-to-date article for glazing. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses—saving much time and expense. Broken glass can be easily removed and replaced with new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 200 running feet, one side. Price, 1 gal., **$1.35;** 6 gals., **$7.60;** 10 gals., **$12.00.**

Twemlow's Old English Liquid Glazing Putty

Semi-liquid. To be used in same manner as Mastica in a machine or bulb. This putty is considered by florists who have used it as the best article of its kind now on the market. For bedding glass in sash or filling cracks or seams in roof joints or frames of greenhouses or hotbeds it is without an equal. It makes a solid bed, impervious to moisture and firmly holds glass in its place. We especially recommend it. Per gal., **$1.45;** 5 gals., **$6.75.**

Poultry Supplies

Bourbon Poultry Cure

"A Superior Remedy" for sick or unhealthy fowls, composed of certain minerals, salts and acids, combined in such proportions as to give it unequaled curative qualities. Completely destroys all germs and supplying nourishing and health-producing elements.

It is absolute and quick death to the germs of "Cholera," "Roup," "Limberneck," "Canker," "Blood Poison," and all existing forms of poultry diseases. Bottle 50c

Conkey's Laying Tonic—Pkgs., 25c., 50c. and $1.00.

Incubators, Brooders, Bone Cutters, Grit, Shell, Bone, Medicines, Lice Killers, Fountains, Leg Bands, etc.

We handle this class of goods in large quantities—some items in car loads—hence our prices will be found right.

We have a special descriptive and illustrated Poultry Supply Price List.

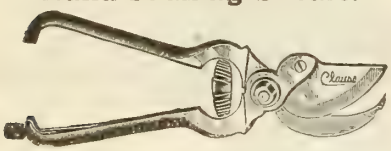
Ask for Special Price List of Prairie State Incubators and Brooders. We are glad to send it to any one interested.

Crystal Grit—For Poultry; 50 lbs. for **50c.**; 100 lbs. for **75c.**

Crushed Bone—For Poultry; lb., **5c.**; 6 lbs., **25c.**; 50 lbs., **$1.50**; 100 lbs., **$2.75.**

Oyster Shell—For Poultry; 50 lbs. for **50c.**; per bag of 100 lbs., **75c.**

Hand Pruning Shears.



Solid Steel—The best made; forged entirely of steel; blade of best cutlery steel, fitted to handle in a perfectly rigid manner, yet easily removed. (See cut.)

8½ inch.....	**$0.75**	**Postpaid**.....	**$0.85**
8½ inch.....	**1.00**	"	**1.15**
9 inch.....	**1.75**	"	**1.95**
10 inch.....	**2.00**	"	**2.25**

Common—Very strong. Best steel blades and an excellent spring. Price, 9 in., **60c.** each; **75c.** postpaid.

Water's Tree Pruner

4 foot handle.....	**$0.65**
6 foot handle.....	**.75**
8 foot handle.....	**.85**
10 foot handle.....	**.95**
12 foot handle.....	**1.00**

Hedge Shears

Best steel and just the thing for trimming Privet Hedge. 9 inch, **$1.75**; 10 inch, **$2.00.**

Pruning Shears

The well-known shears, with handles about two feet long. Light and powerful. The best made for hedges, etc. Each, **$1.50.**

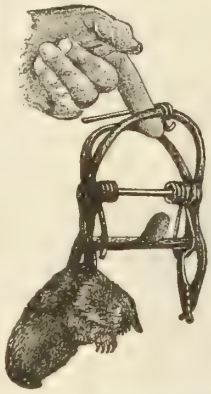
Scollay's Rubber Putty Bulb

A splendid appliance for distributing putty. Used by all leading florists, who have proven its merits. Price **95c.**, or mailed for **$1.05.**

Raffia

We handle only the best grade of Raffia. Inferior twisted stock is very annoying and much more expensive in the end. **Lb., 15c.; 10 lbs. at 14c. per lb.; 25 lbs. at 13c. per lb.; 100 lbs. $12.00.**

"Out of Sight" Mole Trap



Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. **Can be used in hot-beds under sash.** The secret of catching moles is a good trap and a knowledge of their habits. Full directions sent with each trap. **By mail, $1.25; by express, $1.00.**

Plant Bed Cloth

A protecting cloth of Water Proof Fiber; an excellent substitute for glass in forwarding all kinds of plants in the early spring; safer, as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable, it can be sent into sections where it would be difficult to get sash. We sell thousands of yards annually and customers are well pleased with it. All pieces are a yard wide.

Heavy—15c. per yard; full piece of 40 yds., **13c.** per yd.

Medium—10c. per yd.; full piece running 50 to 65 yds., **8½c.** per yd.

Light—5c. per yd.; full piece running 45 to 70 yds., **4c.** per yd.

If Plant Bed Cloth is wanted by mail, postage must be added as follows: **Light, 4c. per yd.; Medium 5c. per yd.; Heavy, 6c. per yd.**

Silkaline

For stringing Smilax, etc., fast green color, will not fade or break.

2 oz. Spools, each.....	**$0.20**
1 lb. (8 Spools).....	**1.25**

Florists' Green Twine

2 oz. Spools, each.....	**$0.15**
1 lb. (8 Spools).....	**1.00**

Twine for Bunching.

Jute—Per lb., **17c.**; 5 lbs. or over at **15c.** per lb.

Cotton—Per lb., **30c.**; per 5 lbs., **$1.40.**

In ordering, please state what you expect to use it for and we will send suitable size.

Celery Twine—8-ply cotton; per lb., **25c.**; 5 lbs. or over at **23c.** per lb.

Sphagnum Moss

We carry constantly a fine stock of best quality of Sphagnum for florists' use in making designs. Bales weigh about 40 lbs. Each, **$1.00**; 6 bales for **$5.25**; 12 bales, **$10.00.**

Baby Ribbon

Per Spool, 50c.

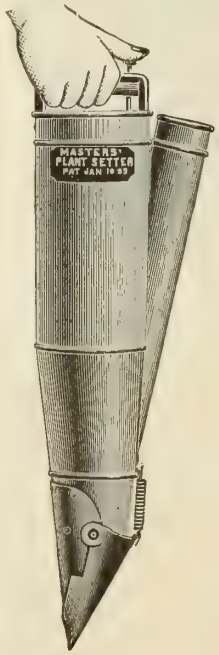
Gauze Ribbons—White, Pink and Lavender:

4 inches, per yd.....	**$0.04**
6 inches, per yd.....	**.05**
Figured, per yd.....	**.10**

Wheat Sheaves

Our sheaves are made full and thick, of the best quality wheat.

			Each.	Doz.
3—AA	18	inches	**$0.25**	**$2.40**
4—A	19	inches	**.30**	**3.00**
5—B	20½	inches	**.35**	**4.00**
6—C	22	inches	**.45**	**5.00**
7—D	23½	inches	**.55**	**6.00**
8—E	25	inches	**.65**	**7.00**
9—F	26½	inches	**.75**	**8.00**
10—G	28	inches	**.90**	**10.00**
11—H	30	inches	**1.10**	**12.00**
12—I	32	inches	**1.35**	**15.00**
13—J	34	inches	**1.65**	**18.00**



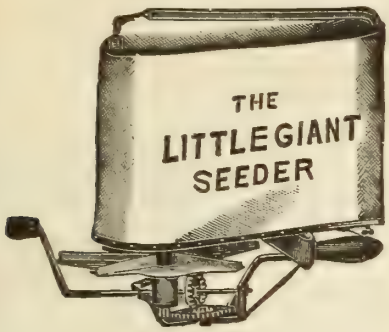
Masters "Little Giant" Plant Setter

Best thing on the market for setting out small plants quickly. The machine consists of a large and a small tube, one of which contains water or liquid manure, while through the other one the plants are dropped. By simply operating a button and a lever, the plants are set, and each plant is supplied with a small quantity of water, which is deposited right at the roots of the plants. Precise instructions for operating planter are sent with each machine. It's the greatest labor saver in this line. **$3.75 each.**

☞ All goods on this page are shiqped at the purchaser's expense unless quoted otherwise.

Thermometers

	Postpaid.	Express
Brass Point Hot Bed	$1.10	$1.00
Greenhouse	.30	.25
Incubator	.75	.65

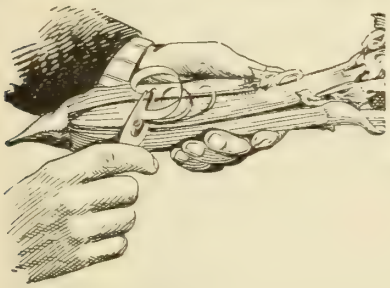


Little Giant Seeder

The best and cheapest crank seeder made, in the quality of work done and durability. Will not get out of order nor be affected by dampness of the weather. Distributes all kinds of Fertilizers, Land Plaster, Ashes and Seeds. We have sold it for years with good satisfaction. **No. 1** (Fiddle Bow), **$1.25**; **No. 3** (Crank), **$1.50.**

Must go by freight or express.

Perfection Rapid Celery Shaver



A safe, simple and economic tool for shaving rust, scabs or bruises from celery stalks, thus leaving the celery in the best possible condition for market. Postpaid, **25c. each; 3 for 70c.**

Tin Foil

Best grade for florists' use. Per lb., **13c.**; 10 lbs., **$1.00**; 25 lbs. or over, **9½c.** per lb. Violet Foil, **25c.** per lb.

Rubber Sprinklers.

	Small.	Medium.	Large
Angle Neck	$0.80	$0.90	$1.00
Straight Neck	.80	.90	1.00

If by mail, add postage, 6c. each.

Lawn Fountain Sprinkler

Round, perforated brass ring attached to hose; lies flat on lawn and throws circular fountain of spray 8 to 12 feet high. Best lawn sprinkler **Each, 50c.**

Paper for Florists' Use

Manilla Waxed, good medium grade, 24x36, per ream, 400 sheets	$1.35
White Waxed, good medium grade, 24x36, per ream, 400 sheets	1.50
Manilla Tissue, per ream, 480 sheets, 24x36, 65 cents, five reams	3.00
White Tissue, per ream, 480 sheets, 24x36, $1.00, five reams	4.90

Garden Trowels

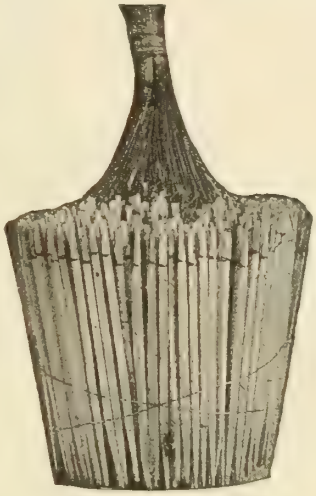
Ordinary, 5 in., each, **10c.**; postpaid, **15c.**; 6 in., **15c.**; postpaid, **20c.**

Solid Steel, 6 in., **25c.**; postpaid, **35c.**

Forged Steel, 5 in., **40c.**; 6 in., **45c.**; 7 in., **50c.**; postage, **10c.** extra for each size.

Hammond's Dusting Bellows

Well made, for everyday practical use. **8-in. size, $1.40 each; 6-in. size, $1.00.**



Wired Toothpicks

Great time savers. No florist should be without them. Ten thousand in a box. Per box, **$1.75.**

Hardwood Double-Pointed Picks

For florists' use; first grade. Box, **7c.; doz., 75c.**

Florists' Wire

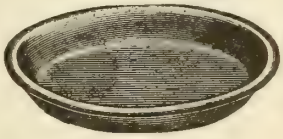
	Lb.	12 Lbs.
No. 20	$0.10	$0.75
No. 22	.10	.80
No. 24	.10	.90
No. 26	.12	.95
No. 28	.15	1.15
No. 30	.15	1.20
No. 32	.15	1.50
No. 36	.25	1.75

We can also furnish wire cut in 12 or 18-inch lengths at the following prices:

No. 20—12 lbs. to box	$1.00
No. 22—12 lbs. to box	1.25
No. 24—12 lbs. to box	1.40

Above sizes mostly used.

Wood Fibre Saucers.



4 inch	Each	.09	Doz.	$0.95
5 "	"	.10	"	1.05
6 "	"	.10	"	1.10
7 "	"	.11	"	1.15
8 "	"	.12	"	1.30
9 "	"	.13	"	1.40
10 "	"	.14	"	1.50
12 "	"	.16	"	1.70
14 "	"	.20	"	2.25
16 "	"	.35	"	4.00
18 "	"	.40	"	4.50

Lang's Weeder—Fastened to the hand similar to a husking peg. Each, **20c.**; postpaid, **25c.**; doz., **$2.25.**

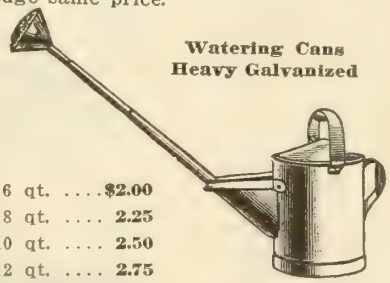
Hazeltine's Weeder

Each, **20c.**; postpaid, **25c.**; doz., **$2.25.**

Excelsior Weeder—Very useful for weeding seed beds, stirring soil in hot beds, cold frames, etc. Each, **10c.**; postage extra **5c.**

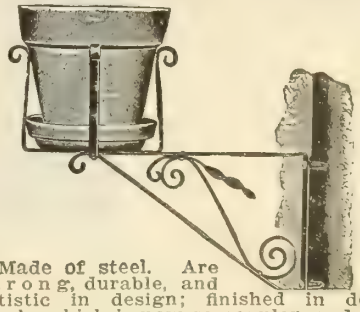
The New Christy Weeder—This all steel weeder has the famous scalloped cutting edge of the Christy bread knife. Each, **20c.**; postage extra **5c.** Smooth edge same price.

Watering Cans
Heavy Galvanized



6 qt.	$2.00
8 qt.	2.25
10 qt.	2.50
12 qt.	2.75

Steel Swinging Flower Pot Bracket



Made of steel. Are strong, durable, and artistic in design; finished in dead black, which is now so popular, and are very handsome. The spring clasp prevents the pot from falling.

No. 1, for 5-in. pots, has 8-in. arm; **each, 30c.; doz., $3.00. No. 2,** for 6-in. pots, has 10-in. arm; **each, 35c.; doz., $3.50. No. 3,** for 7-in. pots, has 12-in. arm; **each, 40c.; doz., $4.00.** If the Brackets are to be sent by mail, **15c. each** must be added for postage.

WIRE DESIGNS FOR FLORISTS

OUR DESIGNS ARE ALL MADE DOUBLE UNLESS NOTED OTHERWISE

ANCHOR—Flat.

8	inches.....each	$0 06
10	" ..... "	08
12	" ..... "	10
14	" ..... "	12
16	" ..... "	14
18	" ..... "	16
21	" ..... "	20
24	" ..... "	25
27	" ..... "	30
30	" ..... "	40
36	" ..... "	55

ANCHOR—Reclining.

8	inches.....each	$0 10
10	" ..... "	12
12	" ..... "	15
14	" ..... "	20
16	" ..... "	23
18	" ..... "	26
21	" ..... "	30
24	" ..... "	45
30	" ..... "	60
36	" ..... "	80

The stand is folding.

ANCHOR.
Upright—Standing.

8	inches.....each	$0 12
10	" ..... "	15
12	" ..... "	18
14	" ..... "	22
16	" ..... "	26
18	" ..... "	30
21	" ..... "	35
24	" ..... "	50
30	" ..... "	75
36	" ..... "	1 10

Measure does not include the base.

AXES.
Woodman—Redman.

18	inches.....each	$0 30
24	" ..... "	40

BELLS.
Single Frame.

12	inches.....each	$0 20
15	" ..... "	30
18	" ..... "	40
21	" ..... "	55
24	" ..... "	70

BROKEN COLUMN.

12	inches.....each	$0 18
15	" ..... "	20
18	" ..... "	25
21	" ..... "	35
24	" ..... "	40
30	" ..... "	60
36	" ..... "	80
40	" ..... "	1 10

BROKEN WHEEL.
In Reclining Position.

15	inches.....each	$0 35
18	" ..... "	50
21	" ..... "	65
24	" ..... "	85
30	" ..... "	1 25
36	" ..... "	1 50

BASES.
For Mounting Any Design.

5	in.diam.....each	$0 06
6	" ..... "	08
7	" ..... "	10
8	" ..... "	15
9	" ..... "	20
10	" ..... "	25
12	" ..... "	50
16	" ..... "	80
18	" ..... "	1 20

Measure across bottom.

BOOKS.

8x12	in.....each	$0 25
10x15	" ..... "	40
12x18	" ..... "	50
14x21	" ..... "	75
16x24	" ..... "	90

Flats (Round).

8	inches.....each	$0 12
10	" ..... "	15
12	" ..... "	18
15	" ..... "	25
18	" ..... "	30
21	" ..... "	35
24	" ..... "	45

Flats (Oval).

8	inches.....each	$0 12
10	" ..... "	15
12	" ..... "	18
15	" ..... "	25
18	" ..... "	30
21	" ..... "	35
24	" ..... "	45

CHAIRS.

18	inches.....each	$0 75
21	" ..... "	1 00
24	" ..... "	1 50
30	" ..... "	2 00
36	" ..... "	2 25

CHRISTIAN ENDEAVOR.

15	inches.....each	$0 30
18	" ..... "	40
21	" ..... "	60
24	" ..... "	95
30	" ..... "	1 25

CROSSES—Flat.

8	inches.....each	$0 03
10	" ..... "	04

12	" ..... "	05
14	" ..... "	06
16	" ..... "	08
18	" ..... "	09
20	" ..... "	10
22	" ..... "	12
24	" ..... "	16
27	" ..... "	20
30	" ..... "	25
33	" ..... "	35
36	" ..... "	50

CROSSES—On Base.

12	inches.....each	$0 15
14	" ..... "	17
16	" ..... "	19
18	" ..... "	21
20	" ..... "	23
22	" ..... "	25
24	" ..... "	30
27	" ..... "	40
30	" ..... "	50
33	" ..... "	60
36	" ..... "	75

CROSSES.
Reclining—Folding Stands.

10	inches.....each	$0 11
12	" ..... "	13
14	" ..... "	15
16	" ..... "	17
18	" ..... "	20
20	" ..... "	22
22	" ..... "	24
24	" ..... "	27
27	" ..... "	35
30	" ..... "	45
33	" ..... "	55
36	" ..... "	70

CROSS AND CROWN.
Reclining Stand.

15	inches.....each	$0 50
18	" ..... "	65
21	" ..... "	90
24	" ..... "	1 20

CROWNS—Round.

9	inches.....each	$0 35
12	" ..... "	45
14	" ..... "	55
16	" ..... "	70
18	" ..... "	85

Measure is across the arms.

CROSS AND CROWN.
On Stand.

12	inches.....each	$0 60
15	" ..... "	75

CRESCENTS.

10	inches.....each	$0 08
12	" ..... "	10
14	" ..... "	14
16	" ..... "	18
18	" ..... "	22
20	" ..... "	28
22	" ..... "	35
24	" ..... "	40

CRESCENT AND STAR.
On Upright Stand.

12	inches.....each	$0 35
15	" ..... "	45
18	" ..... "	55
21	" ..... "	70
24	" ..... "	95

CLOCKS.

24	inches.....each	$1 00
30	" ..... "	1 30

DOVES.
Double Frame.

Each $0 75

EASEL—Folding.
On Which Florists Can Put Any Design.

15	inches.....each	$0 06
18	" ..... "	08
21	" ..... "	10
24	" ..... "	12
27	" ..... "	15
30	" ..... "	20
36	" ..... "	25
40	" ..... "	35

Strong and durable.

ELK HEAD.

24	inches.....each	$1 00
30	" ..... "	1 50

EAGLES.

Measure tip to tip of wing with bar for lettering.

14	inches.....each	$1 25
18	" ..... "	1 50

FIREMEN'S HAT.

Each $0 75

FAITH, HOPE AND CHARITY.

Three Pieces Separate.

25	inches.....each	$0 75
30	" ..... "	1 00
36	" ..... "	1 25

Base measure.

GRAND ARMY OF THE REPUBLIC BADGE.
On Easel.

30	inches.....each	$1 25
36	" ..... "	1 50

GATES AJAR.
With Star in Center.

We consider this the neatest Gates on the market. Measure the whole height.

15	inches.....each	$0 55
18	" ..... "	70
21	" ..... "	85
24	" ..... "	1 10
27	" ..... "	1 30
30	" ..... "	1 55
36	" ..... "	2 10

HORSESHOE.

8	inches.....each	$0 08
10	" ..... "	10
12	" ..... "	12
14	" ..... "	15
16	" ..... "	20
18	" ..... "	25
20	" ..... "	30
24	" ..... "	50

HEART—Open.

8	inches.....each	$0 10
10	" ..... "	12
12	" ..... "	15
14	" ..... "	20
16	" ..... "	25
18	" ..... "	35

HEART—Solid.

6	inches.....each	$0 03
8	" ..... "	04
10	" ..... "	05
12	" ..... "	07
14	" ..... "	09
16	" ..... "	12

HARP.
On Reclining Stand.

10	inches.....each	$0 16
12	" ..... "	20
15	" ..... "	25
18	" ..... "	30
21	" ..... "	40
24	" ..... "	50

HARP.
Standing Upright.

10	inches.....each	$0 20
12	" ..... "	25
15	" ..... "	30
18	" ..... "	45
21	" ..... "	50
24	" ..... "	65
30	" ..... "	90
36	" ..... "	1 30

Measure does not include base.

HARP.
Flat Lying.

10	inches.....each	$0 10
12	" ..... "	14
15	" ..... "	18
18	" ..... "	25
21	" ..... "	35
24	" ..... "	45
30	" ..... "	65
36	" ..... "	90

KNIGHTS TEMPLAR EMBLEM.

20	inches.....each	$1 00
24	" ..... "	1 25

KNIGHTS OF PYTHIAS SHIELD AND AXES.

20	inches.....each	$1 15
24	" ..... "	1 50

Measures are size of shield.

LANTERNS.

Each $0 50

LYRES—Reclining.

10	inches.....each	$0 16
12	" ..... "	20
15	" ..... "	25
18	" ..... "	35
21	" ..... "	45
24	" ..... "	60

Measure includes base.

LYRES.
Standing Upright.

10	inches.....each	$0 20
12	" ..... "	25
15	" ..... "	30
18	" ..... "	40
21	" ..... "	50
24	" ..... "	75
30	" ..... "	1 25
36	" ..... "	1 65

Measure does not include base.

LYRES—Flat.

10	inches.....each	$0 12
12	" ..... "	18
15	" ..... "	25
18	" ..... "	30
21	" ..... "	40
24	" ..... "	50

HANGING BASKETS.

Diam.	Deep.	Doz.
10 in.	6 in.....	$1 50
12 in.	8 in.....	2 00
14 in.	10 in.....	2 50
16 in.	12 in.....	3 00

Macabee

Design in Wreath on Easel

16 inches..each $0.75
20 " .. " 1.00

Mystic Shrine Badge

On Easel

24 inches..each $1.65
30 " .. " 2.00
Measure of Crescent.

Maltese Cross

12 inches..each $0.12
14 " .. " .14
16 " .. " .16
18 " .. " .20

Odd Fellows' Links

18 inches..each $0.35
21 " .. " .45
24 " .. " .60

Odd Fellows' Links

Standing

18 inches..each $0.50
21 " .. " .60
24 " .. " .75

This is size of Links and does not include base.

Pillows on Folding Stand

10 inches..each $0.12
12 " .. " .15
14 " .. " .20
16 " .. " .25
18 " .. " .30
21 " .. " .40
24 " .. " .50
27 " .. " .60
30 " .. " .75
36 " .. " 1.00

These Pillows are double top.

Rock of Ages

A Very Fine Piece

32 inches..each $1.50

Scroll of Honor

18 inches..each $0.35
24 " .. " .55

Shields

12 inches..each $0.12
15 " .. " .15
18 " .. " .20
21 " .. " .30
24 " .. " .40

Square and Compass On Reclining Folding Stand.

12 inches..each $0.20
14 " .. " .25
16 " .. " .35
18 " .. " .45
21 " .. " .55
24 " .. " .65

Standing Square and Compass

12 inches..each $0.35
14 " .. " .45
16 " .. " .55
18 " .. " .70
21 " .. " .90

Measure does not include base.

Stars

Reclining

6 inches..each $0.08
8 " .. " .10
10 " .. " .12
12 " .. " .15
14 " .. " .20
16 " .. .25

Stars

Standing

6 inches..each $0.10
8 " .. " .12
10 " .. " .15
12 " .. " .20
14 " .. " .25
16 " .. " .30

Stars

Flat

4 inches..each $0.03
6 " .. " .04
8 " .. " .06
10 " .. " .10
12 " .. " .12
14 " .. " .14
16 " .. " .16
18 " .. " .20
21 " .. " .25
24 " .. " .30

Soldier's Cap

Each..... $0.50

Square and Compass Masonic Emblems

Flat

12 inches..each $0.20
14 " .. " .25
16 " .. " .35
18 " .. " .45
21 .. " .55
24 " .. " .65

Sickles.

12 inches..each $0.10
15 " .. " .12
18 " .. " .17
21 " .. " .25
24 " .. " .35
27 " .. " .50
30 " .. " .75

Triangles

12 inches..each $0.12
14 " .. " .18
16 " .. " .20
18 " .. " .25

Triangles

On Reclining Folding Stands

12 inches..each $0.20
15 " .. " .25
18 " .. " .30
21 " .. " .35
24 " .. " .45

Tomahawk

24 inches..each $0.50
30 " .. " .75

Woodman's Design

18 inches..each $1.50
24 " .. " 1.75

Wreath

On Folding Stand

8 inches..each $0.07
10 " .. " .10
12 " .. " .14
14 " .. " .18
16 " .. " .25
18 " .. " .35
20 " .. " .45

Wreath

Flat

6 inches..each $0.02
8 " .. " .04
10 " .. " .06
12 " .. " .08
14 " .. " .10
16 " .. " .12
18 " .. " .15
20 " .. " .20
22 " .. " .22
24 " .. " .25

Wreath

With Star

The Star is raised slightly above the Wreath, and is a very atractive piece. We can put in Cross, Anchor, Heart, etc., at same price.

12 inches..each $0.20
14 " .. " .25
16 " .. " .30
18 " .. " .40

Standing, 25c. extra.

Wreath

On Base

8 inches..each $0.12
10 " .. " .16
12 " .. " .20
14 " .. " .25
16 " .. " .30
18 " .. " .40
20 " .. " .50
22 " .. " .60
24 " .. " .70

Wreath Crescent Standing

Makes a very showy design to combine Lyre, Harp, etc., in center.

10 inches..each $0.20
12 " .. " .25
14 " .. " .35
16 " .. " .45
18 " .. " .55
20 " .. " .70
24 " .. " .90
Measure of Crescent.

Wreath Crescent

Flat

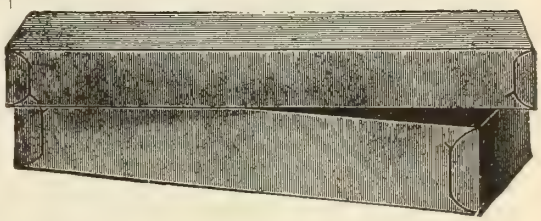
10 inches..each $0.08
12 " .. " .12
14 " .. " .15
16 " .. " .18
18 " .. " .21
20 " .. " .30
24 " .. " .40
30 " .. " .65

French Immortelles

Per bunch

White .. $0.30
Red ..... .30
Pink .... .30
Orange . .30
Brown .. .30
Yellow .. .30
Purple ... .30
Blue .... .30
Black ... .30
Green ... .30

100 bunches, $27.50



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No. 4—3 x 5 x24	2.50
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No. 6—4 x 8 x28	4.00
No. 7—6 x16 x20	4.50
No. 8—3 x 7 x21	2.50
No. 9—5 x10 x35	6.00
No. 10—7 x20 x20	6.25
No. 11—3½x 5 x30	3.25
No. 12—6 x12 x39, full telescope	10.00
No. 13—5 x10 x30	5.50
No. 14—6 x16 x39	10.00

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		Amount Brought Forward,		

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and
FLOWER
SEEDS

LIVINGSTON'S
"TRUE BLUE"
BULBS, PLANTS,
and
NURSERY
STOCK

LIVINGSTON'S
FAMOUS TOMATOES
and
SELECTED STRAINS of ONIONS
ARE THE BEST IN THE WORLD.

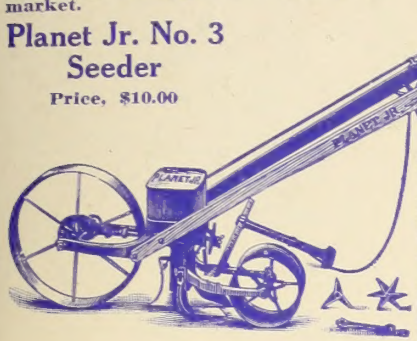
THE LIVINGSTON SEED CO., COLUMBUS, OHIO.

Planet Jr. Tools for 1912

Space will not permit showing and describing here all of the **PLANET JR. TOOLS,** but we will send a beautifully illustrated **Catalogue free** to any who may desire it. **Planet Jr.** goods are different from all others—**the best on the market.**

Planet Jr. No. 3 Seeder

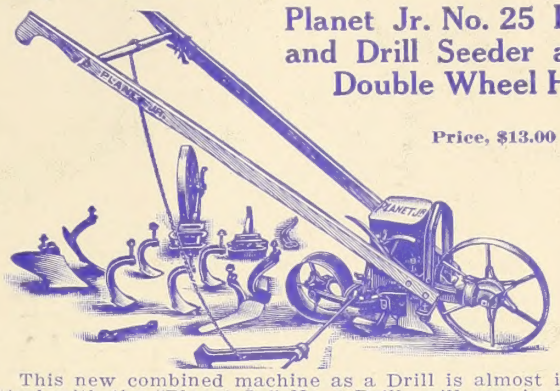
Price, $10.00



Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in continuous rows, as desired. Changed in a moment. Holds 3 quarts.

Planet Jr. No. 25 Hill and Drill Seeder and Double Wheel Hoe

Price, $13.00



This new combined machine as a Drill is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment.

Planet Jr. No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Price Complete, $10.50
As a Drill Only, $8.50

The Drill is the same style as No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

No. 17 Single Wheel Hoe

A light, inexpensive and extremely efficient tool. Frames and handles are adjustable, and wheel can be changed to the other side of the frame, when both sides of row can be hoed at one passage. **Price,** with all the attachments shown below, **$4.50.**

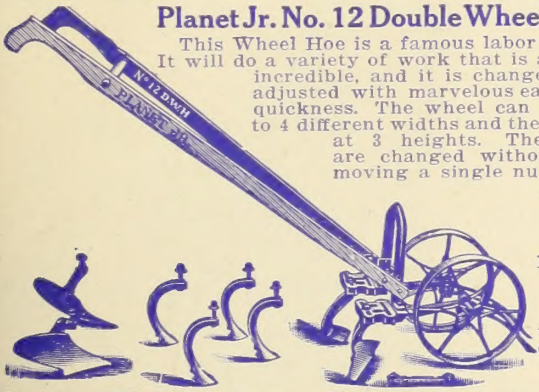
No. 18 SINGLE WHEEL HOE. Same as No. 17, but with 6-inch hoes only. **Price, $3.00.**

Planet Jr. No. 12 Double Wheel Hoe

This Wheel Hoe is a famous labor saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheel can be set to 4 different widths and the frame at 3 heights. The tools are changed without removing a single nut.

FIRE FLY PLOW $2.25.

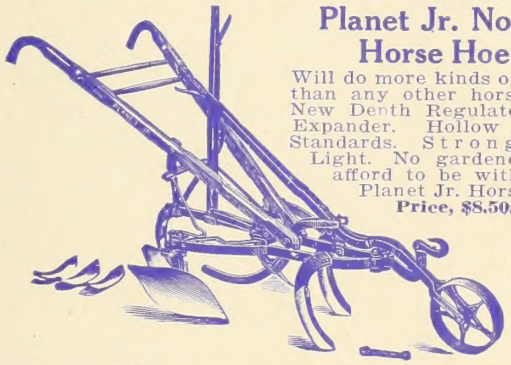
No. 11 DOUBLE WHEEL HOE, with 8 pairs of tools, **$8.50.**



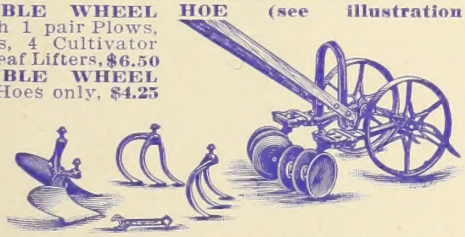
No. 12 DOUBLE WHEEL HOE (see illustration above), with 1 pair Plows, 1 pair Hoes, 4 Cultivator Teeth, and Leaf Lifters, **$6.50**
No. 13 DOUBLE WHEEL HOE, with Hoes only, **$4.25**

Planet Jr. No. 8 Horse Hoe

Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong and Light. No gardener can afford to be without a Planet Jr. Horse Hoe. **Price, $8.50.**



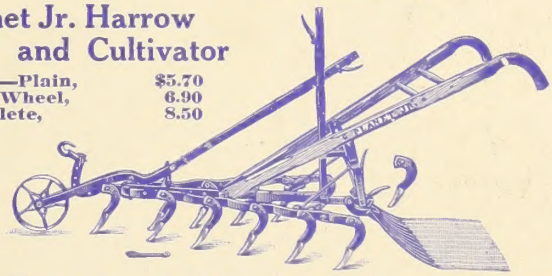
Planet Jr. No. 14



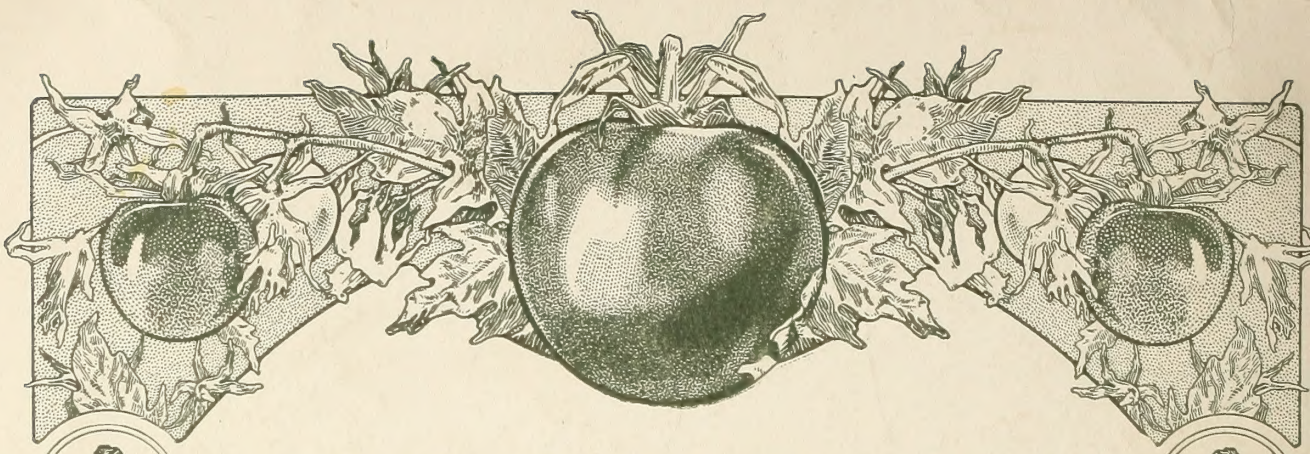
This is a new tool. There are three discs, oil tempered on each side, which may be used all at once or two on a side as preferred. They may also be adjusted for depth and to throw the soil to or from the row. The set of prong cultivator teeth is a great improvement over old sorts.
No. 14 Double Wheel Disc Hoe, complete, (see cut above, **$7.50.**
No. 13½ Double Wheel Hoe with Discs only, **$5.50.**
No. 38 Single Wheel Disc Hoe Cultivator and Plow, **$6.50.**
No. 18½ Single Wheel Hoe with Discs, only **$4.25.**
Disc Hoes (attachable to any machine), per pair, **$2.25.**
Combination Cultivator Teeth (for any machines), per pair, **$1.30.**

Planet Jr. Harrow and Cultivator

Price—Plain,	**$5.70**
With Wheel,	**6.90**
Complete,	**8.50**



ThisHarrow has a high frame contracting to 12 inches and expanding to 32 inches in width. Hand levers regulate both width and depth **while in motion.** The chisel-shaped teeth cut an inch wide and cultivate deep without throwing earth on the plants. Has foot Lever Pulverizer. Capital Strawberry Cultivator, turning the runners without injury. **Strawberry Runner Cutter Attachment, extra, $1.85.**



Guiding Principles of The Livingston Business

"Always give the customer more than he expects," was the motto impressed upon us by the founder of our establishment. The strict exercise of this rule to this day in all departments of our business has made us many friends. Whether an order calls for a 5-cent packet of Radish seed or for 100 pounds of Tomato seed worth $5.00 per pound, it is treated with the same care. We not only watch that the order is filled correctly and promptly, but we also see that the seeds sent out are of the very best quality procurable. The "Golden Rule" is always in our mind.

Only that business can hope to endure which renders service of benefit to its customers. Dependable seeds are the "service" expected of us. Extensive annual trials keep us posted as to the vitality and purity of the stocks we sell. Each lot of seed must come up to a certain standard or it is not sold. The best seed growers of America and Europe spare neither expense nor labor to make "True Blue" seeds just as reliable as they can be made. On our own farms we produce the finest strains of Tomatoes, Musk Melons, Cucumbers, Onions, Etc. All our efforts are toward producing seeds that do what is expected of them. Modern methods and machinery, careful men in the fields and conscientious clerks in a roomy warehouse, all these factors combined enable us to fill orders with quality seeds in the shortest possible time.

We want every customer to feel that it is OUR business to help HIS business. Whether this help comes in the form of pedigree seeds or through culture directions, or through advice given by correspondence—all have the same purpose. Business deals with us must in every case satisfy the customer or we want to know it. "To err is human" and mistakes may happen in spite of all precaution. We consides those, who give us a chance to do the right thing at all times, the true friends of

The Livingston Seed Company
Columbus, Ohio